



IFW

TRANSMITTAL
FORM

Application Serial Number	10/709,436
Filing Date	May 5, 2004
First Named Inventor	Williams
Group Art Unit	1637
Examiner Name	Not Yet Assigned
Attorney Docket No.	HEL-024CPCN
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

- | | | |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form

<input type="checkbox"/> Amendment/Response
<input type="checkbox"/> Preliminary
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]

<input type="checkbox"/> Petition for Extension of Time

<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement (3 pgs)
<input checked="" type="checkbox"/> Form PTO-1449 (44 pgs)
<input checked="" type="checkbox"/> Copies of IDS Citations (B1-B171, C1-C283)

<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Sequence Listing submission
<input type="checkbox"/> Paper Copy/CD
<input type="checkbox"/> Computer Readable Copy
<input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)

<input type="checkbox"/> Formal Drawing(s)

<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal

<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)

<input type="checkbox"/> Terminal Disclaimer

<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application
<input type="checkbox"/> Small Entity Statement

<input type="checkbox"/> CD(s) for large table or computer program

<input type="checkbox"/> Amendment After Allowance | <input type="checkbox"/> Request for Certificate of Correction
<input type="checkbox"/> Certificate of Correction (in duplicate)

<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences

<input type="checkbox"/> Appeal Brief (in triplicate)

<input type="checkbox"/> Status Inquiry
<input checked="" type="checkbox"/> Return Receipt Postcard

<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8

<input type="checkbox"/> Additional Enclosure(s) (please identify below) |
|---|---|--|

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 21st day of March, 2006.

Sandra J. Allen
Sandra J. Allen

CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Proskauer Rose LLP
One International Place
Boston, MA 02110-2600
Tel. No.: (617) 526-9600
Fax No.: (617) 526-9899

SIGNATURE BLOCK

Date: March 21, 2006
Reg. No.: 44,045
Tel. No.: (617) 526-9617
Fax No.: (617) 526-9899

Respectfully submitted,

Sandra A. Brockman-Lee
Sandra A. Brockman-Lee
Attorney for the Applicant(s)
Proskauer Rose LLP
One International Place
Boston, MA 02110-2600



PATENT
Attorney Docket No. HEL-024CPCN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Williams, et al. CONFIRMATION NO.: 3435
SERIAL NO.: 10/709,436 GROUP NO.: 1637
FILING DATE: May 5, 2004 EXAMINER: Not Yet Assigned
TITLE: METHOD OF DETERMINING THE NUCLEOTIDE SEQUENCE OF
OLIGONUCLEOTIDES AND DNA MOLECULES

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with 37 C.F.R. 1.98(a)(2), only copies of the foreign patent documents and non-patent publications are enclosed.

NOTIFICATION OF APPLICATIONS

Additionally, Applicants wish to make the U.S. Patent Office aware of the following patent applications:

<u>Docket No.</u>	<u>Application Number</u>	<u>Filing Date</u>
HEL-001	10/831,214	April 23, 2004
HEL-002	10/852,028	May 24, 2004
HEL-004	10/852,482	May 24, 2004
HEL-006	11/137,928	May 25, 2005
HEL-007	10/900,711	July 28, 2004
HEL-008	10/866,388	June 10, 2004
HEL-014	11/027,165	December 30, 2004
HEL-015	11/007,831	December 8, 2004
HEL-020	11/326,121	January 5, 2006
HEL-021	11/046,448	January 28, 2005
HEL-023	11/133,675	May 20, 2005
HEL-027	11/286,516	November 22, 2005
HEL-028	11/213,621	August 26, 2005

HEL-031	11/292,528	December 2, 2005
HEL-032	Not Yet Assigned	February 22, 2006
HEL-033	11/286,626	November 22, 2005
HEL-033CP2	11/295,406	December 5, 2005
HEL-038	11/295,155	December 6, 2005
HEL-039	11/303,046	December 15, 2005
HEL-901	10/845,932	May 14, 2004
HEL-911	10/099,459	March 12, 2002
HEL-916	11/054,243	February 9, 2005
HEL-917	10/967,778	October 18, 2004
HEL-918	11/002,479	December 1, 2004
HEL-919	11/067,102	February 25, 2005

REMARKS

In accordance with the provisions of 37 C.F.R., this statement is being filed (check one)

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a final action or notice of allowance but before the payment of the issue fee, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT


As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Date: March 21, 2006
Reg. No.: 44,045

Tel. No.: 617-526-9617
Fax No.: (617) 526-9899



Sandra A. Brockman-Lee
Attorney for the Applicant(s)
Proskauer Rose LLP
One International Place
Boston, MA 02110

FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

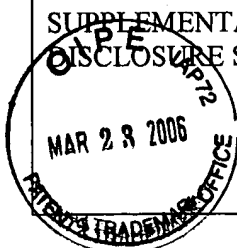
ATTY DOCKET NO.: HEL-024CPCN

APPLICANTS: Williams, et al.

SERIAL NO.: 10/709,436

FILING DATE: May 5, 2004

GROUP: 1637



U.S. PATENT DOCUMENTS

EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	RE 34,069	09/15/1992	Koster et al.			
	A2	3,996,345	12/07/1976	Ullman et al.			
	A3	4,119,368	10/10/1978	Yamazaki			
	A4	4,153,855	05/08/1979	Feingold			
	A5	4,344,064	08/10/1982	Bitler et al.			
	A6	4,351,760	09/28/1982	Khanna et al.			
	A7	4,683,195	07/28/1987	Mullis et al.			
	A8	4,683,202	07/28/1987	Mullis			
	A9	4,707,237	11/17/1987	Lepp et al.			
	A10	4,711,955	12/08/1987	Ward et al.			
	A11	4,725,677	02/16/1988	Kosler et al.			
	A12	4,739,044	04/19/1988	Slabinsk			
	A13	4,757,141	07/12/1988	Fung et al.			
	A14	4,793,705	12/27/1988	Shera			
	A15	4,811,218	03/07/1989	Hunkapiller et al.			
	A16	4,863,849	09/05/1989	Melamede			
	A17	4,865,968	09/12/1989	Orgel et al.			
	A18	4,889,818	12/26/1989	Gelfand et al.			
	A19	4,942,124	07/17/1990	Church			
	A20	4,962,037	10/09/1990	Jett et al.			

EXAMINER

DATE CONSIDERED

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A21	4,971,903	11/20/1990	Hyman			
	A22	4,979,824	12/25/1990	Mathies et al.			
	A23	4,994,368	02/19/1991	Goodman et al.			
	A24	4,994,372	02/19/1991	Tabor et al.			
	A25	4,994,373	02/19/1991	Stavrianopoulos et al.			
	A26	5,085,562	02/04/1992	Van Lintel			
	A27	5,091,652	02/25/1992	Mathies et al.			
	A28	5,096,388	03/17/1992	Weinberg			
	A29	5,096,554	03/17/1992	Chin et al.			
	A30	5,108,892	04/28/1992	Burke et al.			
	A31	5,112,736	05/12/1992	Caldwell et al.			
	A32	5,143,854	09/01/1992	Pirrung et al.			
	A33	5,167,784	12/01/1992	Noolandi			
	A34	5,171,132	12/15/1992	Miyazaki et al.			
	A35	5,198,540	03/30/1993	Koster			
	A36	5,209,834	05/11/1993	Shera			
	A37	5,224,843	07/06/1993	Van Lintel			
	A38	5,242,796	09/07/1993	Prober et al.			
	A39	5,242,797	09/07/1993	Hirschfeld			
	A40	5,258,506	11/02/1993	Urdea et al.			
	A41	5,259,737	11/09/1993	Kamisuki et al.			
EXAMINER				DATE CONSIDERED			

FORM PTO – 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A42	5,260,433	11/09/1993	Engelhardt et al.			
	A43	5,265,327	11/30/1993	Faris et al			
	A44	5,267,152	11/30/1993	Yang et al.			
	A45	5,302,509	04/12/1994	Cheeseman			
	A46	5,304,487	04/19/1994	Wilding et al.			
	A47	5,306,403	04/26/1994	Vo-Dinh			
	A48	5,336,062	08/09/1994	Richter			
	A49	5,360,523	11/01/1994	Middendorf et al.			
	A50	5,375,979	12/27/1994	Trah			
	A51	5,376,252	12/27/1994	Ekstrom et al.			
	A52	5,403,709	04/04/1995	Agrawal et al.			
	A53	5,405,747	04/11/1995	Ieu et al.			
	A54	5,405,783	04/11/1995	Pirrung et al.			
	A55	5,409,811	04/25/1995	Tabor et al.			
	A56	5,424,186	06/13/1995	Fodor et al.			
	A57	5,449,767	09/12/1995	Ward et al.			
	A58	5,476,928	12/19/1995	Ward et al.			
	A59	5,484,701	01/16/1996	Cocuzza et al.			
	A60	5,492,806	02/20/1996	Drmanac et al.			
	A61	5,514,256	05/07/1996	Douthart et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A62	5,518,900	05/21/1996	Nikiforov et al.			
	A63	5,525,464	06/11/1996	Drmanac et al.			
	A64	5,529,465	06/25/1996	Zengerle et al.			
	A65	5,534,125	07/09/1996	Middendorf et al.			
	A66	5,547,839	08/20/1996	Dower et al			
	A67	5,547,859	08/20/1996	Goodman et al.			
	A68	5,556,790	09/17/1996	Pettit			
	A69	5,558,991	09/24/1996	Trainor			
	A70	5,599,695	02/04/1997	Pease et al.			
	A71	5,610,287	03/11/1997	Nikiforov et al.			
	A72	5,631,734	02/20/1997	Stern et al.			
	A73	5,632,957	02/27/1997	HeBer et al.			
	A74	5,654,149	08/05/1997	Mendoza et al.			
	A75	5,659,171	08/19/1997	Young et al			
	A76	5,670,346	09/23/1997	Reeve et al.			
	A77	5,674,716	10/07/1997	Tabor et al.			
	A78	5,675,155	10/07/1997	Pentoney, Jr. et al.			
	A79	5,688,648	11/18/1997	Mathies et al.			
	A80	5,695,940	12/09/1997	Drmanac et al.			
	A81	5,705,018	01/06/1998	Hartley			
	A82	5,707,506	01/13/1998	Douthart et al.			
EXAMINER				DATE CONSIDERED			

FORM PTO – 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A83	5,710,628	01/20/1998	Waterhouse et al.			
	A84	5,712,476	01/27/1998	Renfrew et al.			
	A85	5,733,729	03/31/1998	Lipshutz et al.			
	A86	5,741,640	04/21/1998	FuBer			
	A87	5,741,644	04/21/1998	Kambara et al.			
	A88	5,744,305	04/28/1998	Fodor et al.			
	A89	5,744,312	04/28/1998	Mamone et al.			
	A90	5,750,341	05/12/1998	Macevicz et al.			
	A91	5,753,788	05/19/1998	Fodor et al.			
	A92	5,755,943	05/26/1998	Middendorf et al.			
	A93	5,756,285	05/26/1998	Fuller			
	A94	5,759,014	06/02/1998	Van Lintel			
	A95	5,759,374	06/02/1998	Takahashi et al.			
	A96	5,762,876	06/09/1998	Lincoln et al.			
	A97	5,763,594	06/09/1998	Hiatt et al.			
	A98	5,776,767	07/07/1998	Stevens et al.			
	A99	5,776,782	07/07/1998	Tsuji			
	A100	5,789,168	08/04/1998	Leushner et al.			
	A101	5,795,722	08/18/1998	Lacroix et al.			
	A102	5,795,782	08/18/1998	Church et al.			
	A103	5,807,679	09/15/1998	Kamb			
EXAMINER				DATE CONSIDERED			

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A104	5,808,045	09/15/1998	Hiatt et al.			
	A105	5,830,657	11/03/1998	Leushner et al.			
	A106	5,831,070	11/03/1998	Pease et al.			
	A107	5,832,165	11/03/1998	Reichert et al.			
	A108	5,834,758	11/10/1998	Trulson et al.			
	A109	5,836,750	11/17/1998	Cabuz			
	A110	5,837,832	11/17/1998	Chee et al.			
	A111	5,837,860	11/17/1998	Anderson et al.			
	A112	5,846,396	12/08/1998	Zanzucchi et al.			
	A113	5,846,727	12/08/1998	Soper et al.			
	A114	5,853,979	12/29/1998	Green et al.			
	A115	5,858,671	01/12/1999	Jones			
	A116	5,861,287	01/19/1999	Metzker et al.			
	A117	5,863,722	01/26/1999	Brenner			
	A118	5,872,244	02/16/1999	Hiatt et al.			
	A119	5,876,187	03/02/1999	Afromowitz			
	A120	5,876,934	03/02/1999	Duthie et al.			
	A121	5,882,904	03/16/1999	Riedl et al.			
	A122	5,885,813	03/23/1999	Davis et al.			
	A123	5,889,165	03/30/1999	Fodor et al.			
	A124	5,902,723	05/11/1999	Dower et al			
EXAMINER				DATE CONSIDERED			

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A125	5,908,755	06/01/1999	Kumar et al.			
	A126	5,916,747	06/29/1999	Gilchrist et al.			
	A127	5,922,591	07/13/1999	Anderson et al.			
	A128	5,922,608	07/13/1999	Farnsworth et al.			
	A129	5,928,906	07/27/1999	Koster et al.			
	A130	5,928,919	07/27/1999	Reha-Krantz et al.			
	A131	5,945,283	08/31/1999	Kwok et al.			
	A132	5,945,284	08/31/1999	Livak et al.			
	A133	5,945,312	08/31/1999	Goodman et al.			
	A134	5,945,325	08/31/1999	Arnold et al.			
	A135	5,948,614	09/07/1999	Chatterjee			
	A136	5,952,174	09/14/1999	Nikiforov et al.			
	A137	5,954,932	09/21/1999	Takahashi et al.			
	A138	5,958,703	09/28/1999	Dower et al			
	A139	5,959,781	09/28/1999	Kintz et al.			
	A140	5,959,837	09/28/1999	Yu			
	A141	5,965,446	10/12/1999	Ishikawa			
	A142	5,968,740	10/19/1999	Fodor et al.			
	A143	5,974,164	10/26/1999	Chee			
	A144	5,976,338	11/02/1999	Fujita et al.			
	A145	5,981,186	11/09/1999	Gabe et al.			
EXAMINER				DATE CONSIDERED			

FORM PTO – 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A146	5,981,956	11/09/1999	Stem			
	A147	5,994,058	11/30/1999	Senapathy			
	A148	5,994,085	11/30/1999	Cantor			
	A149	6,002,471	12/14/1999	Quake			
	A150	6,005,663	12/21/1999	Waterhouse et al.			
	A151	6,007,309	12/28/1999	Hartley			
	A152	6,015,714	01/18/2000	Baldarelli et al.			
	A153	6,017,702	01/25/2000	Lee et al.			
	A154	6,018,041	01/25/2000	Drmanac et al.			
	A155	6,020,457	02/01/2000	Klimash et al.			
	A156	6,024,925	02/15/2000	Little et al.			
	A157	6,025,136	02/15/2000	Drmanac			
	A158	6,028,190	02/22/2000	Mathies et al.			
	A159	6,030,782	02/29/2000	Anderson et al.			
	A160	6,043,080	03/28/2000	Lipshutz et al.			
	A161	6,046,005	04/04/2000	Ju et al.			
	A162	6,049,380	04/11/2000	Goodwin et al.			
	A163	6,051,380	04/18/2000	Sosnowski et al.			
	A164	6,066,454	05/23/2000	Lipshutz et al.			
	A165	6,071,394	06/06/2000	Cheng et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO - 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A166	6,077,664	06/20/2000	Slater et al.			
	A167	6,077,674	06/20/2000	Schleifer et al.			
	A168	6,087,095	07/11/2000	Rosenthal et al.			
	A169	6,087,099	07/11/2000	Gupte et al.			
	A170	6,094,274	07/25/2000	Yokoi			
	A171	6,107,032	08/22/2000	Kilger et al.			
	A172	6,107,044	08/22/2000	Nikiforov			
	A173	6,107,061	08/22/2000	Johnson			
	A174	6,132,580	10/17/2000	Mathies et al.			
	A175	6,133,436	10/17/2000	Koster et al.			
	A176	6,136,212	10/24/2000	Mastrangelo et al.			
	A177	6,136,962	10/24/2000	Shi et al.			
	A178	6,140,053	10/31/2000	Koster			
	A179	6,140,494	10/31/2000	Hamilton et al.			
	A180	6,141,096	10/31/2000	Stem et al.			
	A181	6,143,151	11/07/2000	Middendorf et al.			
	A182	6,147,205	11/14/2000	McGall et al.			
	A183	6,156,501	12/05/2000	McGall et al.			
	A184	6,165,694	12/26/2000	Liu			
	A185	6,177,249	01/23/2001	Kwok et al.			
	A186	6,197,506	03/06/2001	Fodor et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A187	6,197,595	03/06/2001	Anderson et al.			
	A188	6,207,381	03/27/2001	Larsson et al.			
	A189	6,207,960	03/27/2001	Stem			
	A190	6,210,896	04/03/2001	Chan			
	A191	6,214,246	04/10/2001	Craighead			
	A192	6,214,987	04/10/2001	Hiatt et al.			
	A193	6,221,654	04/24/2001	Quake et al.			
	A194	6,221,592	04/24/2001	Schwartz et al.			
	A195	6,225,052	05/01/2001	Batz et al.			
	A196	6,225,062	05/01/2001	Dunn et al.			
	A197	6,225,092	05/01/2001	Kilger et al.			
	A198	6,225,109	05/01/2001	Juncosa et al.			
	A199	6,225,567	05/01/2001	Kester			
	A200	6,225,625	05/01/2001	Pirrung et al.			
	A201	6,228,593	05/08/2001	Lipshutz et al.			
	A202	6,232,075	05/15/2001	Williams			
	A203	6,232,103	05/15/2001	Short			
	A204	6,235,465	05/22/2001	Kolberg et al.			
	A205	6,235,473	05/22/2001	Friedman et al.			
	A206	6,242,180	06/05/2001	Chee			
	A207	6,242,528	06/05/2001	Clark et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A208	6,245,506	06/12/2001	Laugharn, Jr. et al.			
	A209	6,245,507	06/12/2001	Bogdanov			
	A210	6,245,518	06/12/2001	Baier			
	A211	6,251,610	06/26/2001	Gupte et al.			
	A212	6,255,083	07/03/2001	Williams			
	A213	6,255,475	07/03/2001	Kwiatkowski			
	A214	6,258,533	07/10/2001	Jones			
	A215	6,261,775	07/17/2001	Bastian et al.			
	A216	6,261,776	07/17/2001	Pirrung et al.			
	A217	6,261,848	07/17/2001	Anderson et al.			
	A218	6,262,838	07/17/2001	Montagu			
	A219	6,263,286	07/17/2001	Gilmanshin et al.			
	A220	6,268,152	07/31/2001	Fodor et al.			
	A221	6,268,219	07/31/2001	Mcbride et al.			
	A222	6,269,846	08/07/2001	Overbeck et al.			
	A223	6,270,644	08/07/2001	Mathies et al.			
	A224	6,270,961	08/07/2001	Drmanac			
	A225	6,274,320	08/14/2001	Rothberg et al.			
	A226	6,274,351	08/14/2001	Peponnet			
	A227	6,277,604	08/21/2001	Peponnet			
	A228	6,280,954	08/28/2001	Ulfendahl			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A229	6,284,460	09/04/2001	Fodor et al.			
	A230	6,287,821	09/11/2001	Shi et al.			
	A231	6,294,336	09/25/2001	Boyce-Jacino et al.			
	A232	6,294,337	09/25/2001	Hayashizaki			
	A233	6,306,607	10/23/2001	Williams			
	A234	6,309,601	10/30/2001	Juncosa et al.			
	A235	6,309,701	10/30/2001	Barbera-Guillem			
	A236	6,309,824	10/30/2001	Drmanac			
	A237	6,309,836	10/30/2001	Kwiatowski			
	A238	6,309,886	10/30/2001	Ambrose et al.			
	A239	6,310,189	10/30/2001	Fodor et al.			
	A240	6,312,893	11/06/2001	Van Ness et al.			
	A241	6,316,191	11/13/2001	Drmanac et al.			
	A242	6,322,968	11/27/2001	Head et al.			
	A243	6,331,439	12/18/2001	Cherukuri et al.			
	A244	6,333,183	12/25/2001	Evans et al.			
	A245	6,335,824	01/01/2002	Overbeck			
	A246	6,337,185	01/08/2002	Asp et al.			
	A247	6,337,188	01/08/2002	Head et al.			
	A248	6,342,326	01/29/2002	Milton			
	A249	6,344,325	02/05/2002	Quake et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A250	6,346,379	02/12/2002	Gelfand et al.			
	A251	6,346,413	02/12/2002	Fodor et al.			
	A252	6,355,420	03/12/2002	Chao			
	A253	6,355,432	03/12/2002	Fodor et al.			
	A254	6,361,671	03/26/2002	Mathies et al.			
	A255	6,361,937	03/26/2002	Stryer			
	A256	6,368,562	04/09/2002	Yao			
	A257	6,368,699	04/09/2002	Gilbert et al. .			
	A258	6,383,749	05/07/2002	Bochkariov et al.			
	A259	6,387,626	05/14/2002	Shi et al.			
	A260	6,395,232	05/28/2002	McBride			
	A261	6,395,559	05/28/2002	Swenson			
	A262	6,397,150	05/28/2002	Izmailov			
	A263	6,399,364	06/04/2002	Reeve et al.			
	A264	6,401,267	06/11/2002	Drmanac			
	A265	6,403,311	06/11/2002	Chao			
	A266	6,403,315	06/11/2002	Drmanac			
	A267	6,403,317	06/11/2002	Anderson			
	A268	6,403,320	06/11/2002	Read et al.			
	A269	6,403,957	06/11/2002	Fodor et al.			
	A270	6,404,907	06/11/2002	Gilchrist et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A271	6,406,893	06/18/2002	Knapp et al.			
	A272	6,407,858	06/18/2002	Montagu			
	A273	6,408,878	06/25/2002	Unger et al.			
	A274	6,416,952	07/09/2002	Pirrung et al.			
	A275	6,420,169	07/16/2002	Read et al.			
	A276	6,423,273	06/23/2002	O'Mara			
	A277	6,432,634	08/13/2002	Digby et al.			
	A278	6,436,641	08/20/2002	Izmailov			
	A279	6,436,646	08/20/2002	Nikiforov			
	A280	6,440,664	08/27/2002	Digby et al.			
	A281	6,440,772	08/27/2002	Knapp et al.			
	A282	6,444,106	09/03/2002	Mcbride et al.			
	A283	6,444,173	09/03/2002	Sjursen et al.			
	A284	6,444,424	09/03/2002	Chatterjee et al.			
	A285	6,444,461	09/03/2002	Knapp et al.			
	A286	6,447,724	09/10/2002	Jensen et al.			
	A287	6,448,090	09/10/2002	McBride			
	A288	6,451,536	09/17/2002	Fodor et al.			
	A289	6,479,267	11/12/2002	Davis et al.			
	A290	6,485,690	11/26/2002	Pfost et al.			
	A291	6,485,909	11/26/2002	Hong et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A292	6,485,944	11/26/2002	Church et al.			
	A293	6,495,363	12/17/2002	Bogdanov			
	A294	6,506,560	01/14/2003	Hughes et al.			
	A295	6,511,803	01/28/2003	Church et al.			
	A296	6,514,706	02/04/2003	Von Kalle et al.			
	A297	6,521,428	02/18/2003	Senapathy			
	A298	6,524,829	02/25/2003	Seeger			
	A299	6,528,258	03/04/2003	Russell			
	A300	6,528,288	03/04/2003	Senapathy			
	A301	6,537,755	03/25/2003	Drmanac			
	A302	6,537,757	03/25/2003	Langmore et al.			
	A303	6,546,340	04/08/2003	Lipshutz et al.			
	A304	6,551,784	04/22/2003	Fodor et al.			
	A305	6,551,817	04/22/2003	Besemer et al.			
	A306	6,554,987	04/29/2003	Gilchrist et al.			
	A307	6,555,349	08/29/2003	O'Donnell			
	A308	6,558,945	05/06/2003	Kao			
	A309	6,562,566	05/13/2003	Hoheisel			
	A310	6,566,059	05/20/2003	Stanton Jr. et al.			
	A311	6,566,515	05/20/2003	McGall et al.			
	A312	6,573,047	06/03/2003	Hung et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A313	6,573,374	06/03/2003	Muehleger et al.			
	A314	6,576,424	06/10/2003	Fodor et al.			
	A315	6,576,425	06/10/2003	McGall et al.			
	A316	6,579,704	06/17/2003	Short			
	A317	6,582,923	06/24/2003	Stanton Jr. et al.			
	A318	6,585,939	07/01/2003	Dapprich, Johannes			
	A319	6,607,888	08/19/2003	Schwartz et al.			
	A320	6,610,482	08/26/2003	Fodor et al.			
	A321	6,613,513	09/02/2003	Parco et al.			
	A322	6,623,928	09/23/2003	Van Ness et al.			
	A323	6,627,748	09/30/2003	Ju et al.			
	A324	6,632,655	10/14/2003	Mehta et al.			
	A325	6,642,001	11/04/2003	Bolk et al			
	A326	6,664,079	12/16/2003	Ju et al.			
	A327	6,719,868	04/13/2004	Schueller et al.			
	A328	6,750,018	06/15/2004	Kambara et al.			
	A329	6,762,048	07/13/2004	Williams			
	A330	6,780,591	08/24/2004	Williams et al.			
	A331	6,783,938	08/31/2004	Nygren et al.			
	A332	6,787,308	09/07/2004	Balasubramanian et al.			
	A333	6,818,395	11/16/2004	Quake et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al. SERIAL NO.: 10/709,436 FILING DATE: May 5, 2004 GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A334	6,908,736	06/21/2005	Densham			
	A335	6,911,345	06/28/2005	Quake et al.			
	A336	2001/0024790	09/27/2001	Kambara et al.			
	A337	2001/0044531	11/22/2001	McGall et al.			
	A338	2001/0046681	11/29/2001	Senapathy			
	A339	2002/0009744	01/24/2002	Bogdanov			
	A340	2002/0012910	01/31/2002	Weiss et al.			
	A341	2002/0015961	02/07/2002	Kwiatkowski			
	A342	2002/0025529	02/28/2002	Quake et al.			
	A343	2002/0032320	03/14/2002	Burgess et al.			
	A344	2002/0034792	03/21/2002	Kilger et al.			
	A345	2002/0039738	04/04/2002	Williams et al.			
	A346	2002/0042112	04/11/2002	Koster et al.			
	A347	2002/0045182	04/18/2002	Singh et al.			
	A348	2002/0051992	05/02/2002	Bridgham et al.			
	A349	2002/0053532	05/09/2002	Quake et al.			
	A350	2002/0061529	05/23/2002	Bridgham et al.			
	A351	2002/0072055	06/13/2002	Jones			
	A352	2002/0086318	06/04/2002	Manalis et al.			
	A353	2002/0102586	08/01/2002	Ju et al.			
	A354	2002/0102595	08/01/2002	Davis			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A355	2002/0106673	08/08/2002	Drmanac et al.			
	A356	2002/0115092	08/22/2002	Rebek, Jr.			
	A357	2002/0115076	08/22/2002	Williams			
	A358	2002/0119484	08/29/2002	Weidenhammer et al.			
	A359	2002/0123046	09/05/2002	Smith et al.			
	A360	2002/0137046	09/26/2002	Koster			
	A361	2002/0137052	09/26/2002	Bridgham et al.			
	A362	2002/0137062	09/26/2002	Williams et al.			
	A363	2002/0138205	09/26/2002	Miller et al.			
	A364	2002/0142333	10/03/2002	Gelfand et al.			
	A365	2002/0142329	10/03/2002	Matray et al.			
	A366	2002/0146726	10/10/2002	Matray et al.			
	A367	2002/0146704	10/10/2002	Head et al.			
	A368	2002/0150938	10/17/2002	Kneipp et al.			
	A369	2002/0150903	10/17/2002	Koster			
	A370	2002/0164629	11/07/2002	Quake et al.			
	A371	2002/0168678	11/14/2002	Williams et al.			
	A372	2002/0168642	11/14/2002	Drukier			
	A373	2002/0172948	11/21/2002	Perlin			
	A374	2002/0177129	11/28/2002	Paabo et al.			
	A375	2002/0182601	12/05/2002	Sampson et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A376	2002/0192691	12/19/2002	Drmanac			
	A377	2002/0192662	12/19/2002	Boyce-Jacino et al.			
	A378	2002/0192661	12/19/2002	Paabo et al.			
	A379	2002/0197618	12/26/2002	Sampson			
	A380	2003/0003272	01/02/2003	Laguittton			
	A381	2003/0003498	01/02/2003	Digby et al.			
	A382	2003/0008285	01/09/2003	Fischer			
	A383	2003/0008413	01/09/2003	Kim et al.			
	A384	2003/0017461	01/23/2003	Singh et al.			
	A385	2003/0022207	01/30/2003	Balasubramanian et al			
	A386	2003/0027140	02/06/2003	Ju et al.			
	A387	2003/0036080	02/20/2003	Jensen et al.			
	A388	2003/0044816	03/06/2003	Denison et al.			
	A389	2003/0044778	03/06/2003	Goelet et al.			
	A390	2003/0044779	03/06/2003	Goelet et al.			
	A391	2003/0044781	03/06/2003	Korlach et al.			
	A392	2003/0054361	03/20/2003	Heller			
	A393	2003/0054181	03/20/2003	Swerdlow et al.			
	A394	2003/0059778	03/27/2003	Berlin et al.			
	A395	2003/0058799	03/27/2003	Yamakawa et al.			
	A396	2003/0058440	03/27/2003	Scott et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A397	2003/0060431	03/27/2003	Simmonds et al.			
	A398	2003/0064483	04/03/2003	Shaw et al.			
	A399	2003/0064366	04/03/2003	Hardin et al.			
	A400	2003/0064398	04/03/2003	Barnes			
	A401	2003/0087300	05/08/2003	Knapp et al.			
	A402	2003/0087237	05/08/2003	Hong et al.			
	A403	2003/0092007	05/15/2003	Gibbs et al.			
	A404	2003/0092005	05/15/2003	Levene et al.			
	A405	2003/0096258	05/22/2003	Fu et al.			
	A406	2003/0100006	05/29/2003	Senapathy			
	A407	2003/0104466	06/05/2003	Knapp et al.			
	A408	2003/0104437	06/05/2003	Barnes et al.			
	A409	2003/0108867	06/12/2003	Chee et al.			
	A410	2003/0022207	01/30/2003	Balasubramanian et al.			
	A411	2003/0138809	07/24/2003	Williams et al.			
	A412	2003/0148344	08/07/2003	Rothberg et al.			
	A413	2003/0162213	08/28/2003	Fuller et al.			
	A414	2003/0186227	10/02/2003	Balasubramanian et al.			
	A415	2003/0186255	10/02/2003	Williams et al.			
	A416	2003/0190663	10/09/2003	Yang et al.			
	A417	2003/0190647	10/09/2003	Odera			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

U.S. PATENT DOCUMENTS							
EXAM INIT.	REF #	DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A418	2003/0190627	10/09/2003	Zhao et al.			
	A419	2003/0194722	10/16/2003	Odedra et al.			
	A420	2003/0194740	10/16/2003	Williams			
	A421	2003/0215862	11/20/2003	Wallace et al.			
	A422	2004/0009487	01/15/2004	Kadushin et al.			
	A423	2004/0014096	01/22/2004	Anderson et al.			
	A424	2004/0029115	02/12/2004	Dower et al.			
	A425	2004/0038206	02/26/2004	Zhang et al.			
	A426	2004/0054162	03/18/2004	Hanna			
	A427	2004/0106110	06/03/2004	Balasubramanian et al.			
	A428	2004/0126770	07/01/2004	Kumar et al.			
	A429	2005/0014175	01/20/2005	Quake et al.			
	A430	2005/0100932	05/12/2005	Lapidus et al.			
	A431	2005/0147992	07/07/2005	Quake et al.			
	A432	2005/0170367	08/04/2005	Quake et al.			
	A433	2005/0239085	10/28/2005	Buzby et al.			
	A434	2005/116262	12/08/2005	Lapidus			

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO - 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

FOREIGN PATENT DOCUMENTS									
EXAM INIT.	REF #	DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	10256898 A1	09/23/2004	DE					
	B2	0412883 A1	02/13/1991	EP					
	B3	0579997 A1	01/26/1994	EP					
	B4	0703364 A1	03/27/1996	EP					
	B5	0706004 A2	04/10/1996	EP					
	B6	0706004 B1	08/06/2003	EP					
	B7	0779436 A2	06/18/1997	EP					
	B8	0845603 A1	06/03/1998	EP					
	B9	0932700 B1	08/04/1999	EP					
	B10	0946752 B1	10/06/1999	EP					
	B11	0955085 A2	11/10/1999	EP					
	B12	0999055 A2	05/10/2000	EP					
	B13	2155152 A	09/18/1985	GB					
	B14	2308460 A	06/25/1997	GB					
	B15	2400518 A	10/13/2004	GB					
	B16	SE 9500589	02/17/1995	SE					
	B17	89/03432 A1	04/20/1989	WIPO					
	B18	90/13666 A1	11/15/1990	WIPO					
	B19	90/15070 A1	12/13/1990	WIPO					
	B20	92/10092 A1	06/25/1992	WIPO					
	B21	92/10587 A1	06/25/1992	WIPO					
EXAMINER					DATE CONSIDERED				

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

FOREIGN PATENT DOCUMENTS									
EXAM INIT.	REF #	DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B22	93/05183 A1	03/18/1993	WIPO					
	B23	93/06121 A1	04/01/1993	WIPO					
	B24	93/21340 A1	10/28/1993	WIPO					
	B25	95/12608 A1	05/11/1995	WIPO					
	B26	95/27080 A1	10/12/1995	WIPO					
	B27	96/04547 A1	02/15/1996	WIPO					
	B28	96/12014 A1	04/25/1996	WIPO					
	B29	96/12039 A1	04/25/1996	WIPO					
	B30	96/27025 A1	09/06/1996	WIPO					
	B31	97/02488 A1	01/23/1997	WIPO					
	B32	97/22076 A1	06/19/1997	WIPO					
	B33	97/23650 A2	06/03/1997	WIPO					
	B34	97/37041 A2	10/09/1997	WIPO					
	B35	97/39150 A1	10/23/1997	WIPO					
	B36	97/40184 A1	10/30/1997	WIPO					
	B37	97/41258 A1	11/06/1997	WIPO					
	B38	97/41259 A1	11/06/1997	WIPO					
	B39	97/42348 A1	11/13/1997	WIPO					
	B40	98/00708 A1	01/08/1998	WIPO					
	B41	98/02575 A1	01/22/1998	WIPO					
	B42	98/03684 A1	01/29/1998	WIPO					

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

FOREIGN PATENT DOCUMENTS									
EXAM INIT.	REF #	DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B43	98/07069 A1	02/19/1998	WIPO					
	B44	98/08978 A1	05/05/1998	WIPO					
	B45	98/13523 A1	04/02/1998	WIPO					
	B46	98/20019 A1	05/14/1998	WIPO					
	B47	98/20020 A2	05/14/1998	WIPO					
	B48	98/20166 A2	05/14/1998	WIPO					
	B49	98/21361 A1	05/22/1998	WIPO					
	B50	98/27228 A1	06/25/1998	WIPO					
	B51	98/28440 A1	07/02/1998	WIPO					
	B52	98/33939 A1	08/06/1998	WIPO					
	B53	98/40520 A1	09/17/1998	WIPO					
	B54	98/41650 A2	09/24/1998	WIPO					
	B55	98/41657 A1	09/24/1998	WIPO					
	B56	98/44152 A1	10/08/1998	WIPO					
	B57	98/45481 A1	10/15/1998	WIPO					
	B58	98/53300 A2	11/26/1998	WIPO					
	B59	98/54669 A1	12/03/1998	WIPO					
	B60	98/55593 A1	12/10/1998	WIPO					
	B61	99/01768 A1	01/14/1999	WIPO					
	B62	99/05221 A1	02/04/1999	WIPO					
	B63	99/05315 A2	02/04/1999	WIPO					

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

FOREIGN PATENT DOCUMENTS									
EXAM INIT.	REF #	DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B64	99/06422 A2	02/11/1999	WIPO					
	B65	99/09616 A1	04/30/1999	WIPO					
	B66	99/13109 A1	03/18/1999	WIPO					
	B67	99/13110 A1	03/18/1999	WIPO					
	B68	99/17093 A1	04/08/1999	WIPO					
	B69	99/19516 A1	04/22/1999	WIPO					
	B70	99/24797 A1	05/20/1999	WIPO					
	B71	99/27137 A1	06/03/1999	WIPO					
	B72	99/31278 A1	06/24/1999	WIPO					
	B73	99/37810 A1	07/29/1999	WIPO					
	B74	99/39001 A2	08/05/1999	WIPO					
	B75	99/40105 A2	08/12/1999	WIPO					
	B76	99/40223 A1	08/12/1999	WIPO					
	B77	99/41410 A1	08/19/1999	WIPO					
	B78	99/44045 A1	09/02/1999	WIPO					
	B79	99/45153 A2	09/10/1999	WIPO					
	B80	99/47539 A1	09/23/1999	WIPO					
	B81	99/47706 A1	09/23/1999	WIPO					
	B82	99/53423 A1	10/21/1999	WIPO					
	B83	99/57321 A1	11/11/1999	WIPO					
	B84	99/61888 A2	12/02/1999	WIPO					

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: HEL-024CPCN
	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

FOREIGN PATENT DOCUMENTS									
EXAM INIT.	REF #	DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B85	99/64437 A1	12/16/1999	WIPO					
	B86	99/64840 A1	12/16/1999	WIPO					
	B87	99/65938 A2	12/23/1999	WIPO					
	B88	99/66076 A1	12/23/1999	WIPO					
	B89	99/66313 A1	12/23/1999	WIPO					
	B90	00/00637 A2	01/06/2000	WIPO					
	B91	00/06770 A1	02/10/2000	WIPO					
	B92	00/09753 A1	02/24/2000	WIPO					
	B93	00/11223 A1	03/02/2000	WIPO					
	B94	00/17397 A1	03/30/2000	WIPO					
	B95	00/26935 A2	05/11/2000	WIPO					
	B96	00/30591 A1	09/13/1999	WIPO					
	B97	00/34523 A1	06/15/2000	WIPO					
	B98	00/37680 A1	06/29/2000	WIPO					
	B99	00/40750 A1	07/13/2000	WIPO					
	B100	00/40758 A2	07/13/2000	WIPO					
	B101	00/42223 A1	07/20/2000	WIPO					
	B102	00/43540 A1	07/27/2000	WIPO					
	B103	00/43752 A1	07/27/2000	WIPO					
	B104	00/50642 A1	08/31/2000	WIPO					
	B105	00/53805 A1	09/14/2000	WIPO					

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.:	HEL-024CPCN
	APPLICANTS:	Williams, et al.
	SERIAL NO.:	10/709,436
	FILING DATE:	May 5, 2004
	GROUP:	1637

FOREIGN PATENT DOCUMENTS									
EXAM INIT.	REF #	DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B106	00/53812 A2	09/14/2000	WIPO					
	B107	00/56937 A2	09/28/2000	WIPO					
	B108	00/58507 A1	10/05/2000	WIPO					
	B109	00/58516 A2	10/05/2000	WIPO					
	B110	00/68410 A1	11/16/2000	WIPO					
	B111	00/70073 A1	11/23/2000	WIPO					
	B112	00/71755 A2	11/30/2000	WIPO					
	B113	00/79007 A1	12/28/2000	WIPO					
	B114	01/001025 A3	01/04/2001	WIPO					
	B115	01/16375 A2	03/08/2001	WIPO					
	B116	01/23610 A2	04/05/2001	WIPO					
	B117	01/24937 A2	04/12/2001	WIPO					
	B118	01/25480 A2	04/12/2001	WIPO					
	B119	01/31055 A2	05/03/2001	WIPO					
	B120	01/32930 A1	05/10/2001	WIPO					
	B121	01/38574 A1	05/31/2001	WIPO					
	B122	01/42496 A2	06/14/2001	WIPO					
	B123	01/48184 A2	05/07/2001	WIPO					
	B124	01/57248 A2	08/09/2001	WIPO					
	B125	01/57249 A1	08/09/2001	WIPO					
	B126	01/61044 A1	08/23/2001	WIPO					

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

FOREIGN PATENT DOCUMENTS									
EXAM INIT.	REF #	DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B127	01/64838 A2	09/07/2001	WIPO					
	B128	01/75154 A2	10/11/2001	WIPO					
	B129	01/79536 A1	10/25/2001	WIPO					
	B130	01/85991 A2	11/15/2001	WIPO					
	B131	01/92284 A1	12/06/2001	WIPO					
	B132	01/96607 A2	12/20/2001	WIPO					
	B133	02/00343 A2	01/03/2002	WIPO					
	B134	02/02584 A1	01/10/2002	WIPO					
	B135	02/02795 A2	01/10/2002	WIPO					
	B136	02/02813 A2	01/10/2002	WIPO					
	B137	02/030486 A3	04/18/2002	WIPO					
	B138	02/03305 A2	01/10/2002	WIPO					
	B139	02/04680 A2	01/17/2002	WIPO					
	B140	02/061126 A2	08/08/2002	WIPO					
	B141	02/061127 A2	08/08/2002	WIPO					
	B142	02/072779 A2	09/19/2002	WIPO					
	B143	02/072892 A1	09/19/2002	WIPO					
	B144	02/077694 A1	10/03/2002	WIPO					
	B145	02/079519 A1	10/10/2002	WIPO					
	B146	02/088381 A2	11/07/2002	WIPO					
	B147	02/088382 A2	11/07/2002	WIPO					

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

FOREIGN PATENT DOCUMENTS									
EXAM INIT.	REF #	DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B148	02/097113 A2	12/05/2002	WIPO					
	B149	02/099398 A1	12/12/2002	WIPO					
	B150	02/20836 A2	03/14/2002	WIPO					
	B151	02/20837 A2	03/14/2002	WIPO					
	B152	02/27032 A1	04/04/2002	WIPO					
	B153	02/29106A2	04/11/2002	WIPO					
	B154	02/35441 A2	05/02/2002	WIPO					
	B155	02/36832 A2	05/10/2002	WIPO					
	B156	02/44414 A2	06/06/2002	WIPO					
	B157	03/002767 A1	01/09/2003	WIPO					
	B158	03/016565 A2	02/27/2003	WIPO					
	B159	03/020895 A2	03/13/2003	WIPO					
	B160	03/020968 A2	03/13/2003	WIPO					
	B161	03/021010 A2	03/13/2003	WIPO					
	B162	03/031947 A2	04/17/2003	WIPO					
	B163	03/044678 A1	05/30/2003	WIPO					
	B164	03/048178 A2	06/12/2003	WIPO					
	B165	03/048991 A2	06/12/2003	WIPO					
	B166	03/062897 A1	07/31/2003	WIPO					
	B167	03/106642 A2	12/24/2003	WIPO					
	B168	04/061119 A2	07/22/2004	WIPO					

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

FOREIGN PATENT DOCUMENTS									
EXAM INIT.	REF #	DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B169	04/074503 A2	09/02/2004	WIPO					
	B170	05/047523 A2	05/26/2005	WIPO					
	B171	05/080605 A2	09/01/2005	WIPO					

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C1	ADAM et al., "Individual genomes targeted in sequencing revolution", <i>Nature</i> , Vol. 411, p. 402 (May 2001).
	C2	AGRAWAL, S. et al., "Site Specific Functionalization of Oligodeoxynucleotides for Non-Radioactive Labelling", <i>Tetrahedron Letters</i> , Vol. 31, No. 11, pp. 1543-46 (1990).
	C3	AMBROSE, W. et al., "Single Molecule Detection With Total Internal Reflection Excitation: Comparing Signal-to-Background and Total Signals in Different Geometries", <i>Cytometry</i> , Vol. 36, pp. 224-231 (1999).
	C4	AMIT, B. et al., "Photosensitive Protecting Groups of Amino Sugars and Their Use in Glycoside Synthesis ... Derivatives", <i>J. Org. Chem.</i> , 39(2):192-6 (1974).
	C5	ARNDT-JOVIN, D. et al., "Immunofluorescence Localization of Z-DNA in Chromosomes: Quantitation by Scanning Microphotometry and Computer-assisted Image Analysis", <i>J. The Journal of Cell Biology</i> , Vol. 101, pp. 1422-33, (Oct 1985).
	C6	AUGUSTIN, M.A., W. ANKENBAUER, and B. ANGERER, "Progress towards single-molecule sequencing: enzymatic synthesis of nucleotide-specifically labeled DNA." <i>Journal of Biotechnology</i> , 8(13): 289-301 (2001).
	C7	AXELROD, D., "Cell-Substrate Contacts Illuminated by Total Internal Reflection Fluorescence", <i>J. The Journal of Cell Biology</i> , Vol. 89, pp. 141-145, (April 1981).
	C8	AXELROD, D. et al., "Total internal reflection fluorescent microscopy", <i>J Microscopy</i> , Vol. 129, pp. 19-28, (1983).
	C9	BAI, X., et al., "Photocleavage of a 2-nitrobenzyl linker bridging a fluorophore to the 5' end of DNA." <i>Proc Natl Acad Sci USA</i> , 2003, Vol 100(2). p. 409-13.
	C10	BASCHE, T. et al., "Single Molecule Optical Detection, Imaging and Spectroscopy", Chs. 2 and 3, Weinheim:VCM, Germany (1997).
	C11	BEAUCAGE, S. et al., "Advances in the Synthesis of Oligonucleotides by the Phosphoramidite Approach" <i>Tetrahedron</i> , 48:2223-2311 (1992).
	C12	BEESE, L. et al., "Structure of DNA Polymerase I Klenow Fragment Bound to Duplex DNA", <i>Science</i> , 260:352-355 (1993).
	C13	BENNETT et. al., "Solexa Sequencing chemistry can be applied to different platforms which will have common elements in detection and data processing", <i>Pharmacogenomics</i> 5(4), pp. 433-438, (2004)
	C14	BIESALSKI et al., "Preparation and Characterization of a Polyelectrolyte Monolayer Covalently Attached to a Planar Solid Surface", <i>Macromolecules</i> 111, 32, 2309-2316. Article was published on the web 3/10/1999.
	C15	BLACK, D.L., "Protein diversity from alternating splicing: A challenge for bioinformatics and post genome biology", <i>Cell</i> , 2000. 103(3): p. 367-370.
	C16	BLATTNER, F.R., et al., "The Complete genome sequence of Escherichia coli K-12.", <i>Science</i> , 277: 1453-74 (1997).
	C17	BOLES et. al., "High-Resolution Mapping of Carcinogen Binding Sites on DNA", <i>Biochemistry</i> , 1986, 25, 3039-3043.
	C18	BRAKMANN, S. and P. NIECKCHEN, "The large fragment of Escherichia coli DNA polymerase I can synthesize DNA exclusively from fluorescently labeled nucleotides." <i>ChemBiochem</i> , 2(10): 773-777 (2001).
	C19	BRAKMANN et. al, "Optimal Enzymes for Single-Molecule Sequencing", <i>Current Pharmaceutical Biotechnology</i> , 5, pp. 119-126 (2004).
	C20	BRASLAVSKY, I. et al., "Sequence information can be obtained from single DNA molecules", <i>PNAS</i> , Vol. 100, No.7, pp. 3960-3964 (April 2003).

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al. SERIAL NO.: 10/709,436 FILING DATE: May 5, 2004 GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C21	BRASLAVSKY, I. et al., "Objective-type dark-field illumination for scattering from microbeads", <i>Applied Optics</i> , Vol. 40, No. 31, pp. 5650-5657, (Nov. 2001).
	C22	BRASLAVSKY, I. et al., "Single Molecule Measurements of DNA Polymerase Activity: A Step Towards Single Molecule Sequencing", <i>Biophys. J. Abstracts</i> , p. 507A (2002).
	C23	BRECHTEL, R. et al., "Control of the electro osmotic flow by metal-salt-containing buffers", <i>J Chromatoraphy A</i> , Vol. 716, pp. 97-105, (1995).
	C24	BRIDGMAN, A. et al., "An improved method for the synthesis of mercurated dUTP. Enzymatic synthesis of Hg-labelled DNA of high molecular weight suitable for use in an image based DNA sequencing strategy", <i>DNA Seq.</i> , Vol. 6, No.4, pp. 199-209 (1996).
	C25	BRUGGERT, J. et al., "Microfabricated tools for nanoscience", <i>J. Micromech. Microeng.</i> , 3, pp. 161-167 (1993).
	C26	BRYZEK, J. et al., "Micromachines on the march", <i>IEEE Spectrum</i> , Vol. 31, No.5, pp. 20-31, (1994).
	C27	BUCHAILLOT, L. et al., "Silicon Nitride Thin Films Young's Modulus Determination by an Optical Non Destructive Method", <i>Jpn. J. Appl. Phys.</i> , Vol. 36, pp. L794-7, (June 1997).
	C28	BURGHARDT, T. et al., "Total Internal Reflection Fluorescence Study of Energy Transfer in Surface-Adsorbed and Dissolved Bovine Serum Albumin", <i>Biochemistry</i> , Vol. 22, pp. 979-985 (1983).
	C29	BURGHARDT, et al., "Total Internal Reflection/Fluorescence Photobleaching Recovery Study of Serum Albumin Adsorption Dynamics", <i>Biophys. Journal</i> , Vol. 33, pp. 455-468 (March 1981).
	C30	BUTLER, D. et al., "Draft data leave geneticists with a mountain still to climb", <i>Nature</i> , Vol. 405, Issue 6782, pp. 984-5 (May 2000).
	C31	CANARD, B., B. Cardona, .and R.S. Sarfati, "Catalytic editing properties of DNA polymerases," <i>Proc Natl Acad Sci USA</i> , 92(24): p. 10859-63 (1995).
	C32	CANARD, et al., "DNA polymerase fluorescent substrates with reversible 3'-tags", <i>Gene</i> , 148(1): 1-6 (1994).
	C33	CHENG et al., "High-speed DNA sequence analysis," <i>Prog. in Biochem. and Biophys.</i> , Vol. 22, pp. 223-227 (1995).
	C34	CHICUREL, M., "Faster, better, cheaper genotyping", <i>Nature</i> , Vol.412, Issue 6847, pp. 580-2, (Aug. 2001).
	C35	CHIDGEAVADZE et al., "2',3'-Dideoxy-3' aminonucleoside 5'-triphosphates are the terminators of DNA synthesis catalyzed by DNA polymerases", <i>Nuc. Acids Res.</i> , 12(3):1671-1686 (1984).
	C36	CHIDGEAVADZE, Z. et al., "3'-Fluro-2',3'-dideoxyribonucleoside 5'-triphosphates: terminators of DNA synthesis", <i>FEBS Letters</i> , 183(2):275-278 (1985).
	C37	CHIU, D. et al., "Patterned deposition of cells and proteins onto surfaces by using three-dimensional microfluidic systems," <i>PNAS</i> , Vol. 97, No. 6, pp. 2408-2413 (2000).
	C38	CHOU et al., "A microfabricated device for sizing and sorting DNA molecules", <i>Applied Sciences, Biophysics: Proc. Natl. Acad. Sci. USA</i> 96, pp. 11-13 (1999).
	C39	CHOU et al., "A Microfabricated Rotary Pump", <i>Biomedical Microdevices</i> . Vol. 3: p. 323-330 (2001).
	C40	CLOSE, D. et al., "Ultraviolet Photobleaching of Free Radicals Created in γ -Irradiated Amino Acids", <i>Radiation Research</i> , Vol. 53, pp. 349-357 (1973).
	C41	COOPER, J. et al., "Analysis of Fluorescence Energy Transfer in Duplex and Branched DNA Molecules", <i>Biochemistry</i> , Vol. 29, pp. 9261-8 (1990).
EXAMINER		DATE CONSIDERED

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C42	CROCKER, J.C. and D.G. Grier, "Methods of digital video microscopy for colloidal studies." <i>Journal of Colloid and Interface Science</i> , 179(1): p. 298-310 (1996).
	C43	DAPPRICH, J., "Single-molecule DNA digestion by lambda-exonuclease." <i>Cytometry</i> , 36(3): p. 163-168 (1999).
	C44	DEBENHAM, J.S., et al., "Two New Orthogonal Amine-Protecting Groups that can be Cleaved under Mild or Neutral Conditions." <i>Journal of the American Chemical Society</i> , 117(11): p. 3302-3 (1995).
	C45	DECHER, G. et al. "Buildup of ultrathin multiplayer films by a self-assembly process: III. Consecutively alternating absorption of anionic and cationic polyelectrolytes on charged surfaces", <i>Thin Solid Films</i> , 210:831-835 (1992).
	C46	DECHER G.;et al., "Fuzzy nanoassemblies : Toward layered polymeric multicomposites." <i>Science</i> , 277(5330): p. 1232-1237 (1997).
	C47	DELAMARCHE, E. et al., "Patterned Delivery of Immunoglobulins to Surfaces Using Microfluidic Networks", <i>Science</i> 276:779-781 (1997).
	C48	DICKSON et al., "Simultaneous Imaging of Individual Molecules aligned both parallel and perpendicular to the optic axis", <i>The American Physical Society</i> , Vol. 81, No. 24, pp. 5322-5325 (1998).
	C49	DOKTYCZ, M. et al., "Genosensors and Model Hybridization Studies", <i>Automation Technologies for Genome Characterization</i> , Ch. 10 T. Beugelsdijk (Ed), John Wiley & Sons, Inc., pp. 205-225 (1997).
	C50	DOUBLIE, S. et al., "Crystal structure of a bacteriophage T7 DNA replication complex at 2.2 Å resolution", <i>Nature</i> , Vol. 391, pp. 251-258 (January 1998).
	C51	DRISCOLL et al., "Atomic-Scale Imaging of DNA Using Scanning Tunneling Microscopy." <i>Nature</i> , 346(6281): p.294-296 (1990).
	C52	DRMANAC, R. et al., "Sequencing by hybridization: Towards an automated sequencing of one million M13 clones arrayed on membranes", <i>Electrophoresis</i> , 13:566-573 (1992).
	C53	DUFFY et al., "Patterning Electroluminescence Materials with Feature Sizes as Small as 5 µm Using Elastomeric Membranes as Masks for Dry Lift-Off," <i>Advanced Materials</i> vol. 11, No. 7, pp. 546-552 (1999).
	C54	DUFFY et al., "Rapid prototyping of microfluidic switches in poly(dimethyl siloxane) and their acuation by electroosmotic flow," <i>J. Micromech. Microeng.</i> , Vol., 9, pp. 211-217 (1999).
	C55	DUFFY et al., "Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane)", <i>Analytical Chemistry</i> , Vol. 70, No. 23, pp. 4974-4984 (1998).
	C56	EFFENHAUSER et al., "Integrated capillary electrophoresis on Flexible silicone microdevices: Analysis of DNA restriction fragments and detection of single DNA molecules on microchips," <i>Anal. Chem.</i> , Vol. 69, pp. 3451-3457 (1997).
	C57	EFFENHAUSER et al., "Integrated chip-based capillary electrophoresis," <i>Electrophoresis</i> , Vol, 18, pp. 2203-2213 (1997).
	C58	EIGEN, M. et al., "Sorting single molecules: Application to diagnostics and evolutionary biotechnology", <i>PNAS</i> , Vol. 91, pp. 5740-47, (June 1994).
	C59	EVANGELISTA, R.A., et al. "Characterization of fluorescent nucleoside triphosphates by capillary electrophoresis with laser-induced fluorescence detection: action of alkaline phosphatase and DNA polymerase." <i>Analytical Biochemistry</i> , 235(1): p. 89-97 (1996).
	C60	FAHRENBERG et al., "A microvalve system fabricated by thermoplastic molding," <i>J. Micromech. Microeng.</i> , Vol. 5, pp. 169-171(1995).
	C61	FERGUSON, et al., "A fiber-optic DNA biosensor microarray for the analysis of gene expression," <i>Nature Biotechnology</i> , Vol. 14, pgs 1681-1684 (1996).

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C62	FORSTER, T., "Delocalized Excitation and Excitation Transfer", <i>Modern Quantum Chem., Istanbul Lectures</i> , Part TII, pp. 93-137, Academic Press, New York (1965).
	C63	FRITZ, I. et al., "Electronic detection of DNA by its intrinsic molecular charge", <i>PNAS</i> , Vol. 99, No. 22, pp. 14142-46 (October 2002).
	C64	FU et al., "A microfabricated fluorescence-activated cell sorter," <i>Nature Biotechnology</i> , Vol. 17, pp. 1109-1111 (1999).
	C65	FU et al., "An integrated microfabricated cell sorter", <i>Analytical Chemistry</i> , 74(11): pp. 2451-2457 (2002).
	C66	FUNATSU, T. et al., "Imaging of single fluorescent molecules and individual ATP turnovers by single myosin molecules in aqueous solution", <i>Nature</i> , Vol. 374, pp. 555-559 (April 1995).
	C67	GARCIA, A., "Determination of Ion Penetrability by Fluorescence Quenching", <i>Meth. in Enzymology</i> , 207:501-511 (1992).
	C68	GARDNER, A., et al., "Acyclic and dideoxy terminator preferences denote divergent sugar recognition by archaeon and <i>Taq</i> DNA polymerases", <i>Nucleic Acids Research</i> , Vol. 30, No. 2, pp. 605-613 (2002).
	C69	GARDNER et al., "Comparative kinetics of nucleotide analog incorporation by Vent DNA polymerase," <i>J. Biol. Chem.</i> , 279, No. 12, p. 11834-11842 (2004).
	C70	GILLER et al., "Incorporation of reporter molecule-labeled nucleotides by DNA polymerases. I. Chemical synthesis of various reporter group-labeled 2'deoxyribonucleoside-5'-triphosphates," <i>Nucleic Acids Res.</i> , 31, No. 10, p. 2630-2635 (2003).
	C71	GIUSTI, W. et al., "Synthesis and Characterization of 5' -Fluorescent-dye-labeled Oligonucleotides", <i>PCR Methods and Applications</i> , 2:223-227 (1993).
	C72	GOLL et al., "Microvalves with bistable buckled polymer diaphragms," <i>J. Micromech. Microeng.</i> , Vol. 6., pp. 77-79 (1996).
	C73	GOODWIN, P.M., et al., "Application of single molecule detection to DNA sequencing." <i>Nucleosides & Nucleotides</i> , 16(5-6): p. 543-550 (1997).
	C74	GRAVESEN et al., "Microfluidics—a review", <i>J. Micromech. Microeng.</i> , Vol. 3, pp. 168-182 (1993).
	C75	GREENE, T.W. and P.G.M. Wuts, "Protective Groups in Organic Synthesis." John Wiley & Sons, Inc.: New York, 1999 3rd Ed.
	C76	GUEROUI, Z., et al., "Observation by fluorescence microscopy of transcription on single combed DNA," <i>PNAS</i> , 99(9): p.6005-6010 (2002).
	C77	GUILBAULT, G., "Practical Fluorescence – Theory, Methods and Techniques," Chapters 1 and 3, and pp. 521-524, Marcel Dekker, Inc., New York (1973).
	C78	GUILLIER, F., D. ORAIN, and M. BRADLEY, "Linkers and Cleavage Strategies in Solid-Phase Organic Synthesis and Combinatorial Chemistry." <i>Chemical Reviews</i> , 100(6): p. 2091-2157 (2000).
	C79	GUPTA, K.C., et al., "A general method for the synthesis of 3'-sulfhydryl and phosphate group containing oligonucleotides", <i>Nucleic Acids Res.</i> , 1901:3019-25 (1991).
	C80	GYLLENSTEIN, U. et al., "Generation of single-stranded DNA by the polymerase chain reaction and its application to direct sequencing of the <i>HLA-DQA</i> locus", <i>PNAS</i> , 85:7652-56 (1988).
	C81	HA, "Single molecule dynamics studied by polarization modulation," <i>Phys. Rev. Lett.</i> , 77, No. 19, 3979-3982 (1996).
	C82	HA, "Single molecule spectroscopy with automated positioning," <i>Appl. Phys. Lett.</i> 70, No. 6, 782-784 (1997).
EXAMINER		DATE CONSIDERED

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C83	HA, "Single-molecule fluorescence methods for the study of nucleic acids," <i>Current Opinion in Struct Bio</i> , 11, 287-292 (2001).
	C84	HA et al., "Single-molecule fluorescence spectroscopy of enzyme conformational dynamics and cleavage mechanism," <i>PNAS</i> , 96(3): p. 893-898 (1999).
	C85	HA, T., "Single-molecule fluorescence resonance energy transfer," <i>Methods</i> , 25(1): p. 78-86 (2001).
	C86	HANNA, M. et al., "Synthesis and characterization of a new photocrosslinking CTP analog and its use in photoaffinity labeling <i>E. coli</i> and T7 RNA polymerases," <i>Nucleic Acids Res.</i> , 21(9):2073-2079 (1993).
	C87	HANSEN, C.J., et al., "A robust and scalable microfluidic metering method that allows Protein crystal growth by free interface diffusion." <i>Proc Natl Acad Sci U S A</i> , 99 (26): p. 16531-6 (2002).
	C88	HARDING et al., "Single-molecule detection as an approach to rapid DNA sequencing," <i>Trends in Biotechnology</i> , Vol. 10, 3 pages, (1992).
	C89	HARRIS, J.M., "Introduction to Biochemical and biomedical applications of poly(ethylene glycol)." <i>Poly(ethylene glycol) Chemistry</i> , Harris, J. M., Ed.; Plenum Press: New York, pp 1-14 (1992).
	C90	HARRISON et al., "Micromachining a miniaturized capillary electrophoresis-based chemical analysis system on a chip," <i>Science</i> , Vol. 261, pp, 895-897 (1993).
	C91	HARRISON, D., et al., "Towards miniaturized electrophoresis and chemical analysis systems on silicon: an alternative to chemical sensors", <i>Sensors and Actuators B</i> , 10, pp. 107-116 (1993).
	C92	HASAN, A. et al., "Photolabile Protecting Groups for Nucleosides: Synthesis and Photodeprotection Rates", <i>Tetrahedron</i> , 53(12):4247-4264 (1997).
	C93	HORNBECK, L. et al., "Bistable Defonnable Mirror Device", 1988 <i>Techllical Digest Series</i> , Vol. 8, Optical Society of America, pp. 107-110, (June 1988).
	C94	HOSOKAWA et al., "Handling of Picoliter liquid samples in a poly(dimethylsiloxane)-based microfluidic device," <i>Anal. Chem.</i> , Vol. 71, No. 20, pp. 4781-4785 (1999).
	C95	HOUSEAL, T. et al., "Real-time imaging of single DNA molecules with fluorescence microscopy", <i>Biophys. J.</i> , Vol. 56, pp. 507-516 (Sept. 1989).
	C96	HOWORKA, et al., "Sequence-specific detection of individual DNA strands using engineered nanopores." <i>Nature Biotechnology</i> , 19(7): p. 636-639 (2001).
	C97	HUBNER et al., "Direct observation of the triplet lifetime quenching of single dye molecules by molecular oxygen," <i>J. Chem. Physics</i> , 115, No. 21, p. 9619-9622 (2001).
	C98	HULTMAN, T. et al., "Bidirectional Solid-Phase Sequencing of In Vitro-Amplified Plasmid DNA", <i>BioTechniques</i> , Vol. 10, No.1, pp. 84-93 (1991).
	C99	HYMAN, E., "A New Method of Sequencing DNA", <i>Anal. Biochem.</i> , 174:423-436 (1988).
	C100	IKUTA et al., "Three dimensional micro integrated fluid systems (MIFS) fabricated by stereo lithography", <i>IEEE Kyushu Institute of Technology</i> , pp. 1-6, (1994).
	C101	ISHII et al., "Fluorescence resonance energy transfer between single fluorophores attached to a coiled-coil protein in aqueous solution," <i>Chemical Physics</i> , 247, 163-173 (1999).
	C102	ISHIJIMA, A. et al., "Simultaneous Observation of Individual ATPase and Mechanical Events by a Single Myosin Molecule during Interaction with Actin", <i>Cell</i> , Vol. 92, pp. 161-171, (January 1998).
EXAMINER		DATE CONSIDERED

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C103	ISHIKAWA, M. et al., "Single-Molecule Detection by Laser-Induced Fluorescence Technique with a Position-Sensitive Photon-Counting Apparatus", <i>Appl. Phys.</i> , Vol. 33, Part 1, No. 3A, pp. 1571-6 (1994).
	C104	JACOBS et al., "Combinatorial chemistry – applications of light-directed chemical synthesis", <i>TIBTech</i> , Vol. 12, pp. 19-26 (Jan. 1994).
	C105	JACOBSON, K. et al., "International Workshop on the application of fluorescence photobleaching techniques to problems in cell biology", Workshop Summary, Federation Proceedings, Vol. 42, pp. 72-79 (1983).
	C106	JACOBSON, et al., "High-speed separations on a microchip," <i>Anal. Chem.</i> , Vol. 66, No. 7, pp.1114-1118 (1994).
	C107	JACOBSON, et al., Microfluidic devices for electrokinetically driven parallel and serial mixing," <i>Anal. Chem.</i> , Vol. 71, No. 20, pp. 4455-4459 (1999).
	C108	JETT, J. et al., "High-Speed DNA Sequencing: An Approach Based Upon Fluorescence Detection of Single Molecules", <i>J. Biomolecular Structure & Dynamics</i> , Vol. 7, No.2, pp. 301-9, (1989).
	C109	JOHNSTON, R. et al., "Autoradiography using storage phosphor technology", <i>Electrophoresis</i> , 11 :355-360 (1990).
	C110	JONGENEEL, C.V., et al., "Comprehensive sampling of gene expression in human cell lines with massively parallel signature sequencing". <i>Proc Natl Acad Sci U S A</i> , 100(8): p. 636-639 (2003).
	C111	JOOS, B. et al., "Covalent Attachment of Hybridizable Oligonucleotides to Glass Supports", <i>Anal. Biochem.</i> 247(1):96-101 (1997).
	C112	KAMBARA, H. et al., "Optimization of Parameters in a DNA Sequenator using Fluorescence Detection", <i>Biotechnology</i> , Vol. 6, pp. 816-821 (1988).
	C113	KARTALOV, Emil P., et al., "Microfluidic device reads up to four consecutive base pairs in DNA sequencing-by-synthesis", <i>Nucleic Acids Research</i> , Vol. 32, No. 9, pp. 2873-2879 (2004).
	C114	KARTALOV et al., "Single-Molecule Detection and DNA Sequencing-by-Synthesis," In Partial Fulfillment of the Requirements for the Degree of Doctor Philosophy, California Institute of technology, pgs. 1-160 (2004).
	C115	KARTALOV et al., "Poly-Electrolyte Surface-Chemistry Platform for Fluorescence Studies of DNA on Glass", http://www.ugcs.caltech.edu/~kartalov/PEM_6.pdf , pp. 1-7, last modified June 7, 2002.
	C116	KAWAI et al., "A simple method of detecting amplified DNA with immobilized probes on microtiter wells", <i>Analytical Biochemistry</i> , 209:63-69 (1993).
	C117	KELSO et al., "Single-cell analysis by RT-PCR reveals differential expression of multiple type 1 and 2 cytokine genes among cells within polarized CD4+ T cell populations," <i>International Immunology</i> , 11, No. 4, 617-621 (1999).
	C118	KENIS et al., "Microfabrication inside capillaries using multiphase laminar flow patterning," <i>Science</i> , Vol. 285, pp. 83-85 (1999).
	C119	KENNEY, et al., "Mutation Typing Using Electrophoresis and Gel-Immobilized Acrydite™ Probes," <i>BioTechniques</i> , Vol. 25, No. 3, pgs 516-521, (1998).
	C120	KHANDJIAN, E., "UV cross linking of RNA to nylon membrane enhances hybridization signals", <i>Mole. Bio. Rep.</i> 11: 107-115 (1986).
	C121	KHRAPKO, K. et al., "A method for DNA sequencing by hybridization with oligonucleotide matrix", <i>DNA Sequence-J. DNA Sequencing and Mapping</i> , Vol. 1, pp. 375-388 (1991).

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C122	KIEFER, J. et al., "Crystal structure of a thermostable <i>Bacillus</i> DNA polymerase I large fragment at 2.1 Å resolution", <i>Structure</i> , 5:95-108 (1997).
	C123	KIM, Y. et al., "Crystal structure of <i>Thermus aquaticus</i> DNA polymerase", <i>Nature</i> , 376:612-616 (1995).
	C124	KIRKLAND, T.A., D.M. LYNN, and R.H. GRUBBS, "Ring-Closing Metathesis in Methanol and Water." <i>Journal of Organic Chemistry</i> , 63(26): p. 9904-9909 (1998).
	C125	KNERR, L. and R.R. SCHMIDT, "Application of a ring-closing-metathesis-based linker to the solid phase synthesis of oligosaccharides" <i>Synlett</i> , 11: p. 1802-1804 (1999).
	C126	KOPP, et al., "Chemical Amplification: Continuous-Flow PCR on a Chip", <i>Science</i> , Vol. 280, pp. 1046-1048 (May 1998).
	C127	KOROLEV, S. et al., "Crystal structure of the large fragment of <i>Thermus aquaticus</i> DNA polymerase I at 2.5 Å resolution: Structural basis for thermo stability", <i>PNAS</i> , 92:9264-9268 (1995).
	C128	KOVACS et al., "Simple synthesis of 5-vinyl-and 5-ethynyl-2' deoxyuridine 5'-triphosphates", <i>Tetrahedron Letters</i> , 29(36): p. 4525-8 (1988).
	C129	KRICKA et al., "Labels, Labeling, Analytical Strategies, and Applications." Ch. 1 and Table Ix, Academic Press, New York, pp. 3-40, (1995).
	C130	KRIDER, E. et al., "2'-Modified Nucleosides for Site-Specific Labeling of Oligonucleotides", <i>Bioconjugate Chem.</i> , Vol. 13, No.1, pp. 155-162 (2002).
	C131	KUHN, L. et al., "Silicon Charge Electrode Array for Ink Jet Printing", <i>IEEE Trans. On Electron Dev.</i> , Vol. ED-25, No. 10, pp. 1257-1260 (Oct. 1978).
	C132	LACOSTE, T. et al., "Ultrahigh-resolution multicolor colocalization of single fluorescent probes", <i>PNAS</i> , 97(17):9461-6 (2000).
	C133	LANDER, E.S., et al., "Initial sequencing and analysis of the human genome." <i>Nature</i> , 409(6822): p. 860-921 (2001).
	C134	LAZOWSKI, K. et al., "Highly Sensitive Detection of Hybridization of Oligonucleotides to Specific Sequences of Nucleic Acids by Application of Fluorescence Resonance Energy Transfer", <i>Antisense and Nucleic Acid Drug Dev.</i> , Vol. 10, pp. 97-103 (2000).
	C135	LEE, "Enhancing the catalytic repertoire of nucleic acids: a systematic study of linker length and rigidity," <i>Nucleic Acids Res.</i> , 29, No. 7, April 1, 1565-1573 (2001).
	C136	LEE, Y. et al., "Laser-Induced Fluorescence Detection of a Single Molecule in a Capillary", <i>Anal. Chem.</i> , Vol. 66, pp. 4142-49 (1994).
	C137	LEVENE, M. et al., "Zero-Mode Waveguides for Single-Molecule Analysis at High Concentrations", <i>Science</i> , 299:682-686 (Jan. 2003).
	C138	LEVSKY et al., "Single-cell gene expression profiling," <i>Science</i> , 297, 836-840 (2002).
	C139	LI, H. et al., "Ultrasensitive Coincidence Fluorescence Detection of Single DNA Molecules", <i>Anal. Chem.</i> , 75:1664-1670 (2003).
	C140	LI, Y. et al., "Design, Synthesis, and Spectroscopic Properties of Peptide-Bridged Fluorescence Energy-Transfer Cassettes", <i>Bioconjugate Chem.</i> , 10:241-245 (1999).
	C141	LI, Y. et al., "Structural Studies of the KlenTaqI DNA Polymerase", <i>Current Organic Chem.</i> , 5:871-883 (2001).

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C142	LI, Z. et al., "A photocleavable fluorescent nucleotide for DNA sequencing and analysis", <i>PNAS</i> , Vol. 100, No.2, pp. 414-419 (2003).
	C143	LIN, L. et al., "Free-Space Micromachined Optical Switches for Optical Networking", <i>IEEE J. of Selected Topics in Quantum Electronics</i> , Vol. 5, No.1, pp. 4-9 (Jan. 1999).
	C144	LIU, J., M.. Enzelberger, and S. Quake, "A nanoliter rotary device for polymerase chain reaction" <i>Electrophoresis</i> , 23(10): p. 1531-6 (2002).
	C145	LODDER, M., et al., "Misacylated Transfer RNAs Having a Chemically Removable Protecting Group." <i>Journal of Organic Chemistry</i> , 63(3): p. 794-803 (1998).
	C146	LOH, E. et al., "Polymerase Chain Reaction with Single-Sided Specificity: Analysis of T Cell Receptor D Chain", <i>Science</i> 243:217-220 (1989).
	C147	LOK, Corie, "Deciphering DNA, Top Speed – Helicos BioSciences aims to expedite sequencing, enable genomic medicine," <i>Technology Review</i> , pp. 27-28 (May 2005).
	C148	LOPEZ, G. et al., "Fabrication and Imaging of Two-Dimensional Patterns of Proteins Adsorbed on Self-Assembled Monolayers by Scanning Electron Microscopy", <i>J. Amer. Chem. Soc.</i> , 115:10774-81 (1993).
	C149	LOTTERS et al., "The mechanical properties of the rubber elastic polymer polydimethylsiloxane for sensor applications," <i>J. Micromech. Microeng.</i> , Vol 7, pp. 145-147 (1997).
	C150	LUCY et al., "Characterization of the cationic surfactant induced reversal of electroosmotic flow in capillary electrophoresis," <i>Anal. Chem.</i> , Vol. 68, pp. 300-305 (1996).
	C151	LUDWIG, J and F. ECKSTEIN, "Rapid and Efficient Synthesis of Nucleoside 5'-0-(1-Thiotriphosphates), 5'-triphosphates and 2',3'-Cyclophosphorothioates Using 2-Chloro-4H-1,3,2-benzodioxaphosphorin- 4-one." <i>Journal of Organic Chemistry</i> , 54(3): p. 631-635 (1989).
	C152	LVOV, Yu. et al., "Assembly of Thin Films by Means of Successive Deposition of Alternate Layers of DNA and Poly(allylamine)", <i>American Chemical Society, Macromolecules</i> , 26, pp. 5396-5399, (1993).
	C153	MACKLIN, J. et al., "Imaging and Time-Resolved Spectroscopy of Single Molecules at an Interface", <i>Science</i> , Vol. 272, No. 5259, pp. 255-258 (April 1996).
	C154	MAIER, B., D. BENSIMON, and V. CROQUETTE, "Replication by a single DNA polymerase of a stretched single-stranded DNA." <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 97(22): p.12002-12007 (2000).
	C155	MARRIOTT, G. et al., "Time resolved imaging microscopy – Phosphorescence and delayed fluorescence imaging", <i>Biophys. J.</i> , Vol. 60, pp. 1374-87 (Dec. 1991).
	C156	MARZIALI, A. and M. AKESON, "New DNA sequencing methods." <i>Annual Review of Biomedical Engineering</i> , 3: p. 195-223 (2001).
	C157	MASTRANGELO, C. et al., "Vacuum-Sealed Silicon Micromachined Incandescent Light Source", <i>IDEM</i> , 89:503-506 (1989).
	C158	MEINERS, J.C and S.R. Quake, "Femomewton force spectroscopy of single extended DNA molecules." <i>Phys Rev Lett</i> , 84(21): p. 5014-7 (2000).
	C159	MELDRUM, Kevin, "Microfluidics-based products for nucleic acid analysis", http://www.americanlaboratory.com/articles/al/a9909mel.pdf , 2 pages (September 1999).
	C160	MELLER, A., et al., "Rapid nanopore discrimination between single polynucleotide molecules." <i>PNAS</i> , 97(3): p. 1079-1084 (2000).
	C161	MERTZ, J. et al., "Single-molecule detection by two-photon-excited fluorescence", <i>Optics Letters</i> , Vol. 20, No. 24, pp. 2532-34 (Dec. 1995).

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al. SERIAL NO.: 10/709,436 FILING DATE: May 5, 2004 GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C162	METZKER et al., "Elimination of residual natural nucleotides from 3'-O-modified-dNTP syntheses by enzymatic mop-up," <i>BioTechniques</i> , 25, 814-817 (1998).
	C163	METZKER, M.L., et al., "Termination of DNA synthesis by novel 3'-modified-deoxyribonucleoside 5'-triphosphates." <i>Nucleic Acids Res</i> , 22(20): p. 4259-67 (1994).
	C164	MITRA, Robi, et al., "Fluorescent in situ sequencing on polymerase colonies", <i>Analytical Biochemistry</i> , 320, pp. 55-65 (2003).
	C165	MOE et al., "Rapid Detection of Clinically Relevant Bacteria in Platelets Using the Hybriscan Baceterial Detection system, <i>Journal of the American Society of Hematology</i> , 96, No. 11, 4155 (2000).
	C166	MOORE, P., "To affinity and beyond", <i>Nature</i> , Vol. 426, No. 6967, pp. 725-731, (2003).
	C167	MULLER et al., "Surface-micromachined microoptical elements and systems," <i>IEEE</i> Vol. 86, No. 8, pp. 1705-1720 (1998).
	C168	NELSON, P. et al., "Bifunctional oligonucleotide probes synthesized using a novel CPG support are able to detect single base pair mutations", <i>NAR</i> , 17(18):7187-7194 (1989).
	C169	NIE, S. et al., "Probing Individual Molecules with Confocal Fluorescence Microscopy", <i>Science</i> , Vol. 266, No. 5187, pp. 1018-1021 (Nov. 1994).
	C170	NYREN, P. et al., "Solid Phase DNA Minisequencing by an Enzymatic Luminometric Inorganic Pyrophosphate Detection Assay", <i>Anal. Biochem.</i> , Vol. 208, pp. 171-5 (1993).
	C171	OCHMAN, H. et al., "Genetic Applications of an Inverse Polymerase Chain Reaction", <i>Genetics</i> 120:621-623 (1988).
	C172	OHARA, To et at, "'Wired' Enzyme Electrodes for Amperometric Determination of Glucose or Lactate in the Presence of Interfering Substances", <i>Anal. Chem.</i> , Vol 66, No. 15, pp. 2451-57 (August 1994).
	C173	OHARA, T. et al., "Glucose Electrodes Based on Cross-Linked [Os(bpY) ₂ Cl ₂ H Complexed Poly(1-vinylimidazole) Films", <i>Anal. Chem.</i> , Vol 65, pp. 3512-17 (1993).
	C174	OKABE, S. et al., "Do Photobleached Fluorescent Microtubules Move?: Re-evaluation of Fluorescence Laser Photobleaching both In Vitro and in Growing Xenopus Axon", <i>J. Cell Bio.</i> , Vol. 120, No. 5, pp. 1177-1186 (1993).
	C175	OLLIS, D. et al., "Structure of large fragment of <i>E. coli</i> DNA polymerase I complexed with Dtmp, <i>Nature</i> , 313:762-766 (1985).
	C176	OROSKAR, A. et al., "Detection of immobilized amplicons by ELISA-like techniques" <i>Clin. Chem.</i> , 42(9):1547-1555 (1996).
	C177	PATCHORNIK, A. et al., "Photosensitive Protecting Groups" <i>J. Amer. Chem. Soc.</i> , 92(21):6333-37 (1970).
	C178	PADMAJA, T., et al., "Enzymatically degradable prodrugs: a novel methodology for drug linkage." <i>Journal of Applied Polymer Science</i> , 85(10): p. 2108-2118 (2002).
	C179	PENNISI, E., "Gene researchers hunt bargains, fixer-uppers." <i>Science</i> , 298(5594): p. 735-736 (2002).
	C180	PERALES et al., "Enhancement of DNA, cDNA synthesis and fidelity at high temperatures by a dimeric single-stranded DNA-binding protein," <i>Nucleic Acids Res.</i> , 31, No. 22, 6473-6480 (2003).
	C181	PERKINS, T. et al., "Relaxation of a Single DNA Molecule Observed by Optical Microscopy", <i>Science</i> , 264:822-826 (May 1994).
	C182	PETHIG, R. et at, "Applications of dielectrophoresis in biotechnology", <i>Tibtech</i> , Vol 15, pp. 426-432 (Oct. 1997).
EXAMINER		DATE CONSIDERED

FORM PTO - 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C183	PISANI, F. et al, "Domain Organization and DNA-Induced Conformational Changes of an Archaeal Family B DNA Polymerase", <i>Biochemistry</i> , Vol. 35, pp. 9158-9166 (July 1996).
	C184	PLAKHOTNIK, T. et al, "Single-Molecule Spectroscopy", <i>Annu. Rev. Phys. Chem.</i> , Vol. 48, pp. 181-212 (1997).
	C185	PLOEM, J., Ch. 1 "Fluorescence Microscopy", <i>Fluorescent and Luminescent Probes for Biological Activity</i> , Mason, T. Ed., Academic Press, London, pp. 1-11 (1993).
	C186	QIN et al., "Elastomeric Light Valves," <i>Advanced Materials</i> , Vol. 9, No. 5, pp. 407-410 (1997).
	C187	QIN, P. et al., "Site-Specific Labeling of RNA with Fluorophores and Other Structural Probes", <i>Methods</i> , Vol 18, No.1, pp. 60-70 (May 1999).
	C188	QUAKE, S. et al., "Fluorescent Photobleaching Method for Sequencing DNA", pp. 1-10, circa 1996.
	C189	QUAKE, Stephen R. et al., "Methods and Apparatuses For Analyzing Polynucleotide Sequences", pending U.S. patent application, Serial No. 09/707,737, filed November 6, 2000, Attorney Docket No. 30260-702.501.
	C190	QUAKE, S. et al., "Polymer Physics with Single Molecules of DNA" (Dept. of Physics), a colloquium by Stephen Quake, Stanford University, Feb. 22, 1996. (Presented at Laser Spectroscopy XII Intl. Conference, Italy, June 1995.)
	C191	QUAKE, S. et al., "From Micro- to Nanofabrication with Soft Materials", <i>Science</i> , Vol. 290, No. 5496, pp. 1536-40 (November 2000).
	C192	RAPP, R. et al., "LIGA micropump for gases and liquids", <i>Sensors and Actuators A</i> , Vol 40, pp. 57-61 (1994).
	C193	RASOLONJATOVO I. and S.R. SARFATI, "6-N-(N-methylanthranamido)-4-oxo-hexanoic acid: a new florescent protecting group applicable to a new DNA sequencing method." <i>Nucleosides & Nucleotides</i> , 17(9-11): p. 2021-2025 (1998).
	C194	RASOLONJATOVO, I. AND SARFATI, "Development of a new DNA sequencing method: 3'-ester cleavage catalyzed by Taq DNA polymerase." <i>Nucleosides & Nucleotides</i> , 18(4 & 5): p. 1021-1022 (1999).
	C195	REHA-KRANTZ, L. et al., "Genetic and Biochemical Studies of Bacteriophage T4 DNA Polymerase 3'→5'-Exonuclease Activity", <i>The Journal of Biological Chemistry</i> , Vol. 268, No. 36, pp. 27100-27108 (1993).
	C196	REHA-KRANTZ, L. et al., "Motif A of Bacteriophage T4 DNA Polymerase: Role in Primer Extension and DNA Replication Fidelity", <i>The Journal of Biological Chemistry</i> , Vol. 269, No. 8, pp. 5635-5643 (1994).
	C197	RIGLER, R, et al, "DNA-sequencing at the single molecule level." <i>Journal of Biotechnology</i> , 86(3): p. 161 (2001).
	C198	RIGLER, R., "Fluorescence correlations, single molecule detection and large number screening - Applications in Biotechnology", <i>J. Biotech.</i> , 41: 177 -186 (1995).
	C199	RONAGHI, M. et al., "A Sequencing Method Based on Real-Time Pyrophosphate", <i>Science</i> , Vol. 281, pp. 363-5 (July 1998).
	C200	RONAGHI, M et al., "Real-Time DNA Sequencing Using Detection of Pyrophosphate Release." <i>Analytical BioChemistry</i> , 242, No. 0432, (1996).
	C201	ROSENBLUM, B. et al., "New dye-labeled terminators for improved DNA sequencing patterns", <i>Nucleic Acids Research</i> , Vol. 25, No. 22, pp. 4500-4504 (Nov. 1997).
	C202	ROSENBLUM, B. et al., "Improved single-strand DNA sizing accuracy in capillary electrophoresis", <i>Nucleic Acids Research</i> , Vol. 25, No. 19, pp. 3925-3929 (Oct. 1997).
	C203	ROYLANCE, L. et al., "A Batch-Fabricated Silicon Accelerometer", <i>IEEE Trans. On Elec. Dev.</i> , Vol. ED-26, No. 12, pp. 1911-1917 (1979).
EXAMINER		DATE CONSIDERED

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C204	RUPAREL, Hameer, "Design and synthesis of a 3'-O-allyl photocleavable fluorescent nucleotide as a reversible terminator for DNA sequencing by synthesis", <i>PNAS</i> , Vol. 102, No. 17, pp. 5932-5937 (April 26, 2005).
	C205	RUTH, J. et al., "Nucleoside Analogues with Clinical Potential in Antivirus Chemotherapy", <i>Molecular Pharmacology</i> , 20:415-422 (1981).
	C206	SANGER, F. et al., "DNA sequencing with chain-terminating inhibitors", <i>PNAS</i> , 74(12):5463-67 (Dec. 1977).
	C207	SARFATI, S.R., et al., "Synthesis of fluorescent derivatives of 3'-O-(6-aminohexanoyl)-pyrimidine nucleosides 5'-triphosphates that act as DNA polymerase substrates reversibly tagged at C-3'." <i>Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry</i> , 9: p. 1163-71 (1995).
	C208	SATO, E. et al., "Bimane Conjugates of 5-Halogenouridylic Acids as Fluorogenic Substrates for Phosphodiesterase I", <i>J. Chem. Research (S)</i> , Issue 10, pp. 390-391 (1994).
	C209	SATOH, IKUO et al., "Flow-injection determination of inorganic pyrophosphate with use of an enzyme thermistor containing immobilized inorganic pyrophosphatase", <i>Chemical Abstracts</i> , Vol. 110, No. 16, pp. 409-413 (1988).
	C210	SAUER, M., et al., "Single molecule DNA sequencing in submicrometer channels: state of the art and future prospects." <i>Journal of Biotechnology</i> , 86(3): p. 181-201 (2001).
	C211	SCHASFOORT et al., "Field-effect flow control for microfabricated fluidic networks," <i>Science</i> , Vol. 286, pp. 942-945 (1999).
	C212	SCHUELLER, O., et al., "Reconfigurable diffraction gratings based on elastomeric microfluidic devices", <i>Sensors and Actuators</i> , 78, pp. 149-159 (1998).
	C213	SEEGER, S. et al., "Single molecule fluorescence – High Performance Molecular Diagnosis and Screening", translated from <i>BIOforum</i> , pp. 179-185, (April 1998).
	C214	SELVIN, P., "Fluorescence Resonance Energy Transfer", <i>Meth. In Enzymology</i> , Vol. 246, pp. 300-335, Academic Press (1995).
	C215	SEO, Tae Seok, "Four-color DNA sequencing by synthesis on a chip using photocleavable fluorescent nucleotides", <i>PNAS</i> , Vol. 102, No. 17, pp. 5926-931 (April 26, 2005).
	C216	SEO, Tae Seok, "Photocleavable fluorescent nucleotides for DNA sequencing on a chip constructed by site-specific coupling chemistry", <i>PNAS</i> , Vol. 101, No. 15, pp. 5488-5493 (April 13, 2004).
	C217	SHACKELFORD, James F., "Intro. to Materials Science for Engineers," 3 rd Edition, Prentice-Hall, Inc., Macmillan Publ. Co. (1992) (cited by Examiner E. Quan in related case).
	C218	SHENDURE et al., "Advanced sequencing technologies: Methods and goals," <i>Nature Reviews</i> , Vol. 5, No. 5, pp. 335-344 (2004).
	C219	SHOJI, S. et al., "Smallest Dead Volume Microvalves for Integrated Chemical Analyzing Systems", <i>Proceedings of Transducers '91</i> , IEEE, pp. 1052-55, San Francisco (1991).
	C220	SHOJI, S. et al., "Fluids for Sensor Systems." <i>Microsystem Technology in Chemistry and Life Science</i> , Topics in Current Chem., Vol. 194, pp. 162-188, Springer-Verlag (1998).
	C221	SMITH, L. et al., "Fluorescence detection in automated DNA sequence analysis", <i>Nature</i> , Vol. 321, pp. 674-9 (June 1986).
	C222	SMITH, L. et al., "The synthesis of oligonucleotides containing an aliphatic amino group at the 5' terminus: synthesis of fluorescent DNA primers for use in DNA sequence analysis", <i>Nucleic Acids Res.</i> , Vol. 13, No.7, pp. 2399-2412 (1985).
	C223	SMITH, S. et al., "Direct Mechanical Measurements of the Elasticity of Single DNA Molecules by Using Magnetic Beads", <i>Science</i> 258:1122-26 (1992).

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al. SERIAL NO.: 10/709,436 FILING DATE: May 5, 2004 GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C224	SMITS, I., "Piezoelectric Micropump with Three Valves Working Peristaltically", <i>Sensors and Actuators</i> , Vol. A21-A23, pp. 203-6 (1990).
	C225	SONG et al., "Influence of the triplet excited state on the photobleaching kinetics of fluorescein in microscopy," <i>Biophysics J.</i> , 70, 2959-2968 (1996).
	C226	SPROAT, B. et al., "The synthesis of protected 5'-mercapto-2',5'-dideoxyribonucleoside-3' -O-phosphoramidites; uses of 5' -mercapto-oligodeoxyribonucleotides", <i>Nucleic Acids Res.</i> , 15(12):4837-48 (1987).
	C227	STOCKI, S. et al., "Dynamics of Bacteriophage T4 DNA Polymerase Function: Identification of Amino Acid Residues that Affect Switching between Polymerase and 3'→5'-Exonuclease Activities", <i>J. Mol. Biol.</i> , 254, pp. 15-28 (1995).
	C228	STRAUSBERG, R L, et al., "The mammalian gene collection." <i>Science</i> , 286(5439): p. 455-7 (1999).
	C229	SUKHORUKOV, G.B., et al., "Assembly of polyelectrolyte multilayer films by consecutively alternating adsorption of polynucleotides and polycations", <i>Thin Solid Films</i> , 284-285, pp. 220-223 (1996).
	C230	TASARA et al., "Incorporation of reporter molecule-labeled nucleotides by DNA polymerases. II. High-density labeling of natural DNA," <i>Nucleic Acids Res.</i> , 31, No. 10, 2636-2646 (2003).
	C231	TAVEIRA, N. et al., "Detection of HI V1 proviral DNA by PCR and hybridization with digoxigenin labeled probes", <i>Mol. Cell Probes</i> , Vol. 6, No.4, pp. 265-70 (1992).
	C232	TAYLOR, D. et al., "Characterization of chemisorbed monolayers by surface potential measurements", <i>J. Phys. D. Appl. Phys.</i> 24:1443-50 (1991).
	C233	TERRY, S. et al., "A Gas Chromatographic Air Analyzer Fabricated on a Silicon Wafer", <i>IEEE Trans. on Electron Dev.</i> , Vol. ED-26, No. 12, pp. 1880-1886 (1979).
	C234	THEISEN, P. et al., "Fluorescent dye phosphoramidite labeling of oligonucleotides", <i>Nucleic Acids Symp. Ser.</i> , Vol. 27, pp. 99-100 (1992).
	C235	THOMPSON, N. et al., "Measuring Surface Dynamics of Biomolecules by Total Internal Reflection Fluorescence with Photobleaching Recovery or Correlation Spectroscopy", <i>Biophys. J.</i> , Vol. 33, pp. 435-454 (March 1981).
	C236	THOMPSON, N. et al., "Immunoglobulin Surface-Binding Kinetics Studied by Total Internal Reflection with Fluorescence Correlation Spectroscopy", <i>Biophys. J.</i> , Vol. 43, pp. 103-114 (July 1983).
	C237	THORSEN, T. S.J. Maerkl, and S.R. Quake, "Microfluidic large-scale integration." <i>Science</i> , 298(5593): p. 580-4 (2002).
	C238	TOKUNAGA, M. et al., "Single Molecule Imaging of Fluorophores and Enzymatic Reactions Achieved by Objective-Type Total Internal Reflection Fluorescence Microscopy", <i>Biochem. And Biophys. Res. Comm.</i> , Vol. 235, pp. 47-53 (1997).
	C239	TONEGUZZO, F. et al., "Use of a Chemically Modified T7 DNA Polymerase for Manual and Automated Sequencing of Super coiled DNA", <i>BioTech</i> , Vol. 6, No.5, pp. 460-9 (1988).
	C240	TRAGER, R. S., "DNA sequencing – Venter's next goal: 1000 human genomes." <i>Science</i> , 298(5595): p. 947 (2002).
	C241	TUFTE, O. et al., "Silicon Diffused-Element Piezoresistive Diaphragms", <i>J. Applied Phys.</i> , Vol. 31, No. 11, pp. 3322-3327 (November 1962).
	C242	TYAGI, S. et al., "Multicolor molecular beacons for allele discrimination", <i>Nat. Biotechnol.</i> , 16:49-53 (1998).
	C243	Ullman's Encyclopedia of industrial Chemistry, 61D Edition, Vol. 6, Sections 6 to 6.3, Subject: Carbon Black, Wiley-VCH (1999).
	C244	UNGER et al., "Monolithic microfabricated valves and pumps by multilayer soft lithography," <i>Science</i> 288: 113-116 (2000).

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C245	UNGER, M. et al., "Single-Molecule Fluorescence Observed with Mercury Lamp Illumination", <i>BioTechniques</i> , Vol. 27, PD. 1008-1014 (November 1999).
	C246	VALE, R. et al., "Direct observation of single kinesin molecules moving along microtubules", <i>Nature</i> , Vol. 380, pp. 451-3, (April 1996).
	C247	VAN DAM, R.M. and S.R Quake, "Gene expression analysis with universal n-mer arrays." <i>Genome Res</i> , 12(1): p. 145-52 (2002).
	C248	VAN DE POL, F. et al., "Micro-liquid handling devices: A Review", <i>Micro System Technologies</i> 90, 1 st Intl. Conf. On Micro Electro, Opto, Mechanic Systems and Components, pp. 799-805, Berlin, Springer-Verlag, (1990).
	C249	VAN OIJEN et al., "Single molecule kinetics of λ exonuclease reveal base dependence and dynamic disorder," <i>Science</i> , 301, 1235-1238 (2003).
	C250	VENTER, J.L., et al., "The sequence of the human genome." <i>Science</i> , 291(5507): p. 1304-1351 (2001).
	C251	VIEIDER, C. et al., "A Pneumatically Actuated Micro Valve With A Silicone Rubber Membrane For Integration With Fluid-Handling Systems", <i>Proceedings of Transducers '95</i> , pp. 284-286, Stockholm (1995).
	C252	WALKER, M.G., et al., "Prediction of gene function by genome-scale expression analysis: Prostate cancer-associated genes." <i>Genome Research</i> , 9(12): p. 1198-1203 (1999).
	C253	WANG, G. et al., "Design and Synthesis of New Fluorogenic HIV Protease Substrates Based on Resonance Energy Transfer", <i>Tetrahedron Lett.</i> , 31(45):6493-96 (1990).
	C254	WANG, M.D., et al., "Force and Velocity measured for single molecules of RNA polymerase." <i>Science</i> , 282(5390): p. 902-907 (1998).
	C255	WASHIZU et al., "Molecular dielectrophoresis of biopolymers," <i>IEEE Transactions on Industry Applications</i> , Vol. 30, No. 4, pp. 835-843 (1994).
	C256	WATKINS, R. et al., "A Total Internal-Reflection Technique for the Examination of Protein Adsorption", <i>J. Biomed. Mater. Res.</i> , Vol. 11, pp. 915-938 (1977).
	C257	WEBER, J.L. and E.W. Myers, "Human whole-genome shotgun sequencing." <i>Genome Research</i> , 7(5): p. 401-409 (1997).
	C258	WEBSTER, J. et al., "Monolithic Capillary Gel Electrophoresis Stage with On-Chip Detector", <i>Intl. Conf on MEMS (MEMS 96)</i> , pp. 491-496 (1996).
	C259	WEDEKIND, P. et al., "Scanning microphotolysis: a new photobleaching technique based on fast intensity modulation of a scanned laser beam and confocal imaging", <i>J. Microscopy</i> , Vol. 176, Pt. 1, pp. 23-33 (October 1994).
	C260	WEIR, et al., "Hybrigel Purification: A Novel Technique for Accelerated Preparation of DNA Sequence Products for Capillary Electrophoresis and Multiplexing," <i>Clinical Chemistry</i> , Vol. 45, No. 11, p. 2052 (1999).
	C261	WEISS, S., "Fluorescence Spectroscopy of Single Biomolecules", <i>Science</i> , Vol. 283, pp. 1676-1683 (March 1999).
	C262	WELCH, M.B. and K. BURGESS, "Synthesis of fluorescent, photolabile 3'-O-protected nucleoside triphosphates for the base addition sequencing scheme." <i>Nucleosides & Nucleotides</i> , 18(2): p. 197-201 (1999).
	C263	WERNER et al "Progress towards single-molecule DNA sequencing: a one color demonstration." <i>J Biotechnol</i> , 102(1): p. 1-14 (2003).
	C264	WILLIAMS, N. et al., "Exploring the Adenine Nucleotide Binding Sites on Mitochondrial F ₁ -ATPase with a New Photoaffinity Probe, 3'-O-(4-Benzoyl)benzoyl Adenosine 5'-Triphosphate", <i>J. Bioi. Chem.</i> , 237(6):2834-41 (1982).
	C265	WINTER et al., "Direct gene expression analysis," <i>Curr. Pharm. Biotech.</i> , 5, p. 191-197 (2004).

EXAMINER	DATE CONSIDERED
----------	-----------------

FORM PTO – 1449	ATTY DOCKET NO.: HEL-024CPCN
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS: Williams, et al.
	SERIAL NO.: 10/709,436
	FILING DATE: May 5, 2004
	GROUP: 1637

OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.	REF #	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
	C266	WU, et al., "Synthesis and Properties of Adenosine-5'-triphospho- γ -l-(5-sulfonic acid)naphthyl Ethylamide: A Fluorescent Nucleotide Substrate for DNA-Dependent RNA Polymerase from <i>Escherichia coli</i> ," Archives of Biochemistry and Biophysics, Vol. 246, No.2, pgs. 564-571 (1986).
	C267	WUITE, G. et al., "Single-molecule studies of the effect of template tension on T7 DNA polymerase activity", <i>Nature</i> , 404:103-6 (2000).
	C268	XIA et al., "Complex optical surfaces formed by replica molding against elastomeric masters," <i>Science</i> Vol. 273, pp. 347-349 (1996).
	C269	XIA et al. "Soft Lithography," <i>Angew. Chem. Int. Ed.</i> Vol. 37, pp. 550-575 (1998).
	C270	XIA, G., et al., "Directed evolution of novel polymerase activities: mutation of a DNA polymerase into a efficient RNA polymerase." <i>Proc Natl Acad Sci USA</i> ; 99(10) p. 6597-6602 (2002).
	C271	XIE, "Single molecule approach to dispersed kinetics and dynamic disorder: Probing conformational fluctuation and enzymatic dynamics," <i>J. Chem. Physics</i> , 117, No. 24, p. 11024-11032 (2002).
	C272	XU, X. et al., "Direct Measurement of Single-Molecule Diffusion and Photodecomposition in Free Solution", <i>Science</i> , Vol. 275, pp. 1106-1109, (February 1997).
	C273	XU, X. et al., "Long-Range Electrostatic Trapping of Single-Protein Molecules at a Liquid-Solid Interface", <i>Science</i> , Vol. 281, pp. 1650-1653 (Sept. 1998).
	C274	YANG et al., "A Mems Thermopneumatic Silicone Rubber Membrane Valve", <i>Proceedings of IEEE 10th Annual International Workshop on MicroElectro Mechanical Systems, Sensors and Actuators</i> , Vol. A64, No. 1, pp. 101-8 (1998).
	C275	YAZDI, N. et al., "Micromachined Inertial Sensors", <i>Proceedings of the IEEE</i> , Vol. 86, No., pp. 1640-1659 (August 1998).
	C276	YERSHOV, G. et al., "DNA analysis and diagnostics on oligonucleotide microchips", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 93, pp. 4913-4918 (May 1996).
	C277	YOUNG et al., "Contoured elastic-membrane microvalves for microfluidic network integration," <i>J. Biomechanical Engineering</i> , Vol. 121, pp. 2-6 (1999).
	C278	YU., et al., "Cyanine dye dUTP analogs for enzymatic labeling of DNA probes." <i>Nucleic Acids Res</i> , 22(15): p. 3226-32 (1994).
	C279	ZDEBLICK, M. et al., "A Microminiature Electric-To-Fluidic Valve", <i>Transducers '87</i> , reprinted in <i>Micromechanics and MEMS Classic and Seminal Papers to 1990</i> , IEEE Press, pp. 437-439 (1987).
	C280	ZHU, Z. et al., "Molecular Mechanism Controlling the Incorporation of Fluorescent Nucleotides into DNA by PCR", <i>Cytometry</i> , 28:206-211 (1997).
	C281	ZHU, Z. et al., "Directly labeled DNA probes using fluorescent nucleotides with different length linkers", <i>Nucleic Acids Res.</i> , Vol. 22, No. 16, pp. 3418-3422 (1994).
	C282	ZUCKERMAN, R. et al., "Efficient methods for attachment of thiol specific probes to the 3' ends of synthetic oligodeoxyribonucleotides", <i>Nucleic Acids Res.</i> , 15(13):5305-5321 (1987).
	C283	Terminator DNA Polymerase FAQ, http://www.neb.com/nebecomm/products/faqproductM0261.asp downloaded 6/1/2005, 1 page.

EXAMINER	DATE CONSIDERED
----------	-----------------